

**YOU SAVE
WHEN YOU BUY
from TRACTOR SUPPLY**

11th Annual "Get Acquainted" Catalog

TRACTOR SUPPLY CO.

Guaranteed New Parts

Trasco
Quality Farm Equipment

Precision
Tractor and Implement Parts



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16 COMPLETE STOCKS WITH SAME LOW PRICES

Our 11th Annual "Get Acquainted" CATALOG

3 BIG REASONS WHY TRACTOR SUPPLY LEADS

(1) Good Quality Merchandise. Our business is built on repeat customers, the thousands of farmers who buy from us year after year. From the day we started in business, back in 1938, we realized that only satisfied customers repeat, and that only the best quality products would stand up under the grueling service which farm machinery must give.

PRECISION tractor repair parts, and TRASCO quality farm equipment have developed honest reputations for being the best there is—they have to be *not merely just as good* but actually better, to have satisfied more than 100,000 customers who have helped us become the country's largest independent distributor of tractor and implement parts during the past 10 years.

WE ARE FARM MACHINERY SPECIALISTS

We stock only Guaranteed New Parts, products of leading American parts manufacturers. These are GENUINE New Parts, and not used parts taken from old worn-out tractors in junk yards.

Our parts do not bear the markings of the company that assembled the tractor. But who makes Genuine parts? In most cases it is the parts manufacturing company—firms like Timken, Champion, Zenith, Johns-Manville, A. C., New Departure, Fairbanks-Morse, who supply the components to the tractor assembler. But because we do not always maintain high, artificial "list prices" we sell under our own PRECISION brand name.

Tractor Supply operates like an auto parts supply house. We buy direct from the parts manufacturer factory and *sell direct to you*. You save because there are no middleman's profits—no expensive overhead at Tractor Supply.

Our employees are experienced men, trained in farm machinery service problems. They know tractor and farm machinery parts and know how to serve you—they sell only farm supplies, and don't spend part of their time selling general merchandise. There are no delays at Tractor Supply—no departmental red tape. Because we specialize in tractor and machinery parts we are able to give you fast, same-day shipment on mail orders and prompt, efficient counter service in stores.

HERE'S WHY TRACTOR SUPPLY PRICES ARE LOWER

Big volume purchases direct from parts manufacturers keep Tractor Supply prices down. We buy direct from the factory in huge quantities at rock bottom prices and sell direct to you. Tractor Supply pays no salesman's commissions, no jobber's profits, no transfer warehouse costs, no dealer profits, no expensive overhead costs. We buy direct, sell direct, and YOU SAVE.

Tractor Supply is the largest and fastest growing independent distributor of tractor and machinery parts today. Farmers throughout the country look to us for best quality at lowest prices, and their repeat business is a most important reason for our fast and continued growth.

Many of our Genuine PRECISION brand parts are made at the same factory and are of the same high quality as parts sold elsewhere at high artificial "list prices." Compare our quality and prices before you buy!

We combine our store operations with our regional warehouse stocks so that overhead is cut to the bone, and you are assured of items being in stock at all times, whenever possible.

The 16 Tractor Supply stores offer you prompt, friendly counter service at the same low prices shown in our catalogs. We do not think you should pay a penalty when you drive into town to buy something over the counter.

WE PREPAY \$20.00 SHIPMENTS

WITH THESE CONDITIONS

1 If the Total of Items Shipped is \$20.00 or More, NOT Including special items marked in the catalog as F.O.B. Factory or Warehouse, and if you order from your closest mail order warehouse.

2 If Your Remittance in Full is Sent With Your Order—We Cannot Pay Shipping Charges on C.O.D.'s.

3 If You Allow Us to Choose the Most Economical Way. If you ask for shipment by special means, such as parcel post or express when freight would be cheaper, we will allow you the amount of the freight rate only and you must pay the shipping cost of the more expensive way you asked for shipment.

If You Are A Customer, you know all about Tractor Supply and how we operate: You know about our service, our money saving prices, and the top quality of our merchandise. We hope that you will continue to let us serve your needs, and we thank you for your business and for the friends you have recommended to us.

(2) Money Saving Prices. We buy direct from many of the largest parts manufacturing companies in the country, in huge production run quantities, without most of the usual handling and warehousing costs and profits, dealer discounts and profits, and other high overhead. These savings are passed along to you in the form of real money saving prices.

Compare our catalog prices with those of any competitor, and remember that you can buy by phone, mail, or shop at any of one of 16 big stores without paying any premiums, shipping charges, or other hidden extras. Compare our low prices and see how you can make your repair dollars go much farther than they used to, even with today's high priced times.

If This Is Your First Catalog from Tractor Supply, we would like you to read through this condensed catalog so that we can get acquainted. Each year we send out catalogs to new names and new farm areas as a means of expanding our regular mailing lists and of adding to our fast-growing total of farmer customers.

(3) Friendly, Dependable Service. Our managers, parts men, warehouse and shipping department are all trained to give you the *fast service you need* titled to on repair parts and equipment. You are entitled to money to you, and a few hours saved in your time is can make a big difference in a crop in an emergency.

We try our best to maintain stocks so that your order can be filled completely. We do not hold orders—if we cannot ship what you want, we refund promptly. That you can try elsewhere. Every order must be shipped the same day received. And your order is filled accurately too, by trained parts specialists who know what you want so you get what you order it.

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WE BUY DIRECT, SELL DIRECT, AND YOU SAVE

TRACTOR SUPPLY COMPANY

**YOU SAVE
WHEN YOU BUY
from TRACTOR SUPPLY**

OUR FAMOUS SERVICE

STREAMLINED 6-HOUR SERVICE ON MAIL ORDERS

Tractor Supply's famous 6-hour mail service is possible because there is no red tape in our organization—no inter-departmental delays. Every order is handled promptly by a trained parts specialist and is on its way to the customer within 6 hours of the time it is received. If we are temporarily out of stock on any items, the amount of money sent for those items is returned immediately so you can look elsewhere. We do not hold orders.

IMMEDIATE SERVICE AT OUR STORES

16 branch warehouse and store stocks to serve you. At the counter of a Tractor Supply store you'll get prompt, friendly service from a farm machinery specialist who knows his business and understands your problems. In emergencies, telephone or telegraph your order to the nearest store, and your shipment will be rushed C.O.D. to you. Same low prices on counter sales as are shown in our mail order catalogs.

OUR REPUTATION FOR FAIR DEALING

Every employee is instructed to be fair and courteous in selling, in refunding, in exchanging. You must be satisfied, or we will make immediate refunds or exchanges, whichever you prefer.

No doubt many of your neighbors are Tractor Supply customers. Ask them about Tractor Supply's fine record and about our high quality merchandise and faster, better service. Your local banker can tell you about our reliability, or you can check with any of our banks listed below. We're proud of our record of completely dependable dealings.

National Bank of Bloomington
Columbus Bank
Security National Bank
First Fond du Lac National Bank
First National Bank of Fort Worth
Fort Kearney National Bank
The Metropolitan Bank

Columbus
Enid
Kearney
Lima

First National Bank
Union National Bank
Live Stock National Bank
The Midway National Bank
The Toy National Bank
First National Bank in Wichita
First National Bank
First National Bank of Chicago

Mason City
Minot
Omaha
St. Paul
Sioux City
Williston

SPECIALIZED IMPLEMENT SERVICE

Tractor Supply Company specializes in farm machinery parts and farm equipment. We have found that our strict rule of specializing in highest quality parts is one of the most important reasons for our growth. We can give better, faster service and sell at lower prices because of our big volume of farm machinery supplies.

Our company is made up of well trained parts specialists who can give you the correct parts in minimum time. There is no delay at Tractor Supply.

We perform the same service in tractor parts that the auto parts jobber does in the automotive field. But we sell direct to you. There are no dealers or other middlemen, and YOU SAVE.

Tractor Supply offers 16 complete warehouse and store stocks, each in an easily-reached key trading center which has a network of train and truck lines that will often get your shipment to you days faster than any other catalog house. This can be very important to you when you have expensive, time-wasting breakdowns. A phone call or telegram to your local Tractor Supply store will have your order sent on its way by return mail.

**Here's How You Can
Receive Regular Tractor
Supply Catalogs**

Regular Tractor Supply customers receive big value-packed catalogs several times a year. The items listed in each of them are selected to suit the season.

This condensed catalog will give you an idea of the thousands & thousands of items we carry in stock. If you are not now on the Tractor Supply mailing list we will be glad to add your name to receive catalogs as they are issued. Simply send us your name, address and route number on a penny postal card. You are under no obligation to buy when you ask for our catalogs.

Fit Perfectly

"Your parts always fit perfectly and give me genuine service. I've recommended you to all my friends and neighbors."

—Mr. George R. Reid
Wapella, Illinois

Low Prices

"Tractor Supply's low prices are sure welcome today since they help me keep my operating costs in line. I figure that I save about one-half on repairs."

—Mr. Lyman Newport
Route 3
Minot, North Dakota

Good Quality

"Tractor Supply parts are as good if not better than any I have seen, and they are much lower in price. They fit perfectly and give excellent service."

—Mr. M. E. Simpson
Matador, Texas

WE GUARANTEE TO PLEASE YOU

We Guarantee Every Item to be as Represented in our catalog. Brand New (except for a few clearly marked rebuilt lines). Made of best obtainable materials for the job, etc.

We Guarantee Even More than that. We Guarantee to Please You. If Any Purchase fails to give you the service you deserve we will make it right. Exchanges and Refunds are taken care of just as promptly as new orders. That is the biggest reason why we have grown so fast, why we have

Over 100,000 REPEAT CUSTOMERS

A FRIEND AND CUSTOMER FOR MANY YEARS



Mr. E. L. Lively, Route 5, So. Omaha, Nebr. says:

"In 1941 I gave you a testimonial for your catalog because I have been a well satisfied customer ever since you opened your Omaha warehouse.

I have kept on trading with you and I'm happy to tell my friends again that for friendly treatment and real money savings, Tractor Supply can't be beat.

Everything I've bought has given dependable service and I've never heard of a customer you didn't treat right."



Fast Service

"Your quality merchandise and fast service on shipments can't be beat. When I mail my order in the afternoon, the package is at the postoffice the second morning after.

—Mr. Adolph Kraus
Ogallala, Nebraska

IT'S EASY TO ORDER BY MAIL

Use the special Tractor Supply Order blank enclosed in this catalog. It's easy to use, requires no envelope. Be sure to list catalog numbers accurately, exactly as shown in the catalog. Be sure you are ordering the correct part for the correct application. Along with the catalog numbers, write a brief description of the article.

Send your order to the nearest Tractor Supply location—all 16 carry complete stocks of all items shown in this catalog. Include payment with your order—personal check,

money order, postal note or cashier's check, or we will ship C.O.D. if you prefer. The Post Office Department advises against sending cash through the mails except by registered letter.

For emergency service—TELEPHONE your nearest Tractor Supply store or send complete information by prepaid telegram. Your order will be shipped immediately after it is received.

16 COMPLETE STOCKS — WITH SAME LOW PRICES

TRACTOR SUPPLY COMPANY



Precision OIL FILTER CARTRIDGES



CLEAN OIL KEEPS MAINTENANCE COSTS LOW

You cannot have clean oil unless you change your filter cartridge regularly, and when you do change be sure to put in the best—the New PRECISION cartridge.

Tractor owners like the extra filtering protection of PRECISION cartridges, the dependability of the PRECISION label as the top guarantee of quality. Order the handy pack of 6 or the carton of 24 for extra savings and convenience—you'll always have a fresh cartridge on hand. Change your cartridge when your oil begins to discolor. PRECISION cartridges are rated efficient about 250 hours.

Allow 1 lb.
Each for
Ship. Wt.

For FORD, FERGUSON

Fits FRAM Type F-3 filter, replaces Fram or Ford Cartridge C-3. CAN Type. Stk. No. L-104. Each, 69c
CARTON OF 6, \$3.75 CARTON OF 24, \$13.50



For ALLIS CHALMERS

Complete cartridge, metal shell which threads into the filter base, filled with highest quality cotton cellulose. Fits Allis Chalmers WC, W, WF, A, S, 1934 to date. Replaces part 204912. CAN Type. Stk. No. L-117. Each, 65c
CARTON OF 6, \$3.49 CARTON OF 24, \$12.95

For OLIVER

As pictured at left, fits Oliver threaded base. Fits Oliver "70", "70HC", "70KD" 1935 up. Replaces Oliver BS-5507-B. CAN Type. Stk. No. L-118. Each, 75c
CARTON OF 6, \$3.98 CARTON OF 24, \$14.95

CARTRIDGES for FRAM FILTERS

For FRAM model F-4 Filter, replaces Fram C-4 cartridge, as used on Ford cars and trucks, Mercury, etc. CAN TYPE. Stk. No. L-107. Each, 79c
CARTON OF 6, \$4.25 CARTON OF 24, \$15.95

For FRAM model F-2 Filter, replaces Fram C-2 cartridge. CAN TYPE. Stk. No. L-108. Each, \$1.10
CARTON OF 6, \$5.85 CARTON OF 24, \$21.95

For FRAM model F-30 Filter, replaces Fram C-30 cartridge. CAN TYPE. Stk. No. L-116. Each, 89c
CARTON OF 6, \$4.79 CARTON OF 24, \$17.50

For FRAM F-40 Filter, replaces Fram C-40 cartridge. CAN TYPE. Stk. No. L-120. Each, \$2.49
CARTON OF 3, \$6.95 CARTON OF 6, \$11.95

CARTRIDGES for A-C FILTERS

For A-C model L-1 Filter, replaces AC L-11 cartridge. CAN TYPE. Fits GM cars. Stk. No. L-109. Each, 75c
CARTON OF 6, \$3.98 CARTON OF 24, \$14.95

For A-C model L-4 Filter, replaces AC L-14 cartridge. CAN TYPE. Stk. No. L-110. Each, 69c
CARTON OF 6, \$3.75 CARTON OF 24, \$13.50

For A-C model S-1 Filter, replaces AC S-11 cartridge. CAN TYPE. Stk. No. L-111. Each, 89c
CARTON OF 6, \$4.79 CARTON OF 24, \$17.50

CARTRIDGES for DE LUXE FILTERS

For models CU, CS Filter, replaces CS cartridge. Used on IHC trucks. SOCK TYPE. Stk. No. L-212. Each, 89c
CARTON OF 6, \$4.79 CARTON OF 24, \$17.50

For model JC DeLuxe Filter, replaces JC cartridge. SOCK TYPE. Stk. No. L-213. Each, 85c
CARTON OF 6, \$4.59 CARTON OF 24, \$16.95

CARTRIDGES for BRIGGS FILTERS

Commonly installed on J. I. CASE Tractors. Replaces Briggs G-3. CAN TYPE. Stk. No. L-121. Each, \$1.10
CARTON OF 6, \$5.95
Replaces Briggs G-4. CAN TYPE. Stk. No. L-122. Each, \$1.35
CARTON OF 6, \$7.35

CARTRIDGES for PRECISION FILTERS

Replacement cartridges for our own Large Precision Tractor Filter. CAN TYPE, boxed with gaskets. Stk. No. 19A101. Each, \$1.25
CARTON OF 3, \$3.19 CARTON OF 6, \$5.95

SPUN CONSTRUCTION—PREVENTS CHANNELING

PRECISION cartridges are made of smooth textured cotton cellulose which is SPUN around the metal center tube. This spun wrapping process is vastly superior to the common stuffing technique since it distributes the filtering material evenly and eliminates pockets.

PRECISION Cartridges fit precisely and will give you maximum protection in your oil filter. PRECISION Cartridges cannot collapse, the rigid center support tube and spun cotton hold shape permanently. Order a Case or Carton today—if the very first element does not convince you of Precision's superiority we will refund on the whole lot.

For IHC McCORMICK DEERING



For Purolator, replaces P-15 element FARMALL Regular, F-20, F-30, F-12, F-14, IHC 10-20, W-30, T-20. REPLACES IHC 63858D
Farmall "M" late 1942 and after, with serial nos. above 59394.
Farmall "H" 1939-42, with serial nos. before 121022.
Farmall "A" and "B" 1939-42, with serial nos. before 96389.
IHC W-4 1939-42; W-6 1942 and after.

SOCK Type	EACH	69c
Stk. No. L-201	Either Type	
Stk. No. L-101	CARTON	\$3.75
CAN Type	of 6	
	CARTON	\$13.50
	of 24	

For Purolator, replaces P-20 element, IHC 15-30, 22-36, WD-6, WD-9.
Farmall "M" 1939-42, with serial numbers before 59393. See small cartridge above for later models.

SOCK Type	EACH	89c
Stk. No. L-202	Either Type	
CAN Type	CARTON	\$4.79
Stk. No. L-102	of 6	
	CARTON	\$17.50
	of 24	

For Late Type, Small Filter.
Farmall "H" late 1942 and after, with serial nos. above 121022.
Farmall "A" and "B" late 1942 and after, serial nos. above 96389. REPLACES IHC 63855D
IHC W-4, late 1942 and after.

SOCK Type	EACH	65c
Stk. No. L-203	Either Type	
CAN Type	CARTON	\$3.49
Stk. No. L-103	of 6	
	CARTON	\$12.95
	of 24	

For DEERE

For Purolator Filters
Fits "A", "B", "D", "G" 1940 and after and also prior years if equipped with Deere Conversion unit.
Replaces Deere part AA-2092-B

SOCK Type	EACH	69c
Stk. No. L-204	Either Type	
CAN Type	CARTON	\$3.75
Stk. No. L-104	of 6	
	CARTON	\$13.50
	of 24	

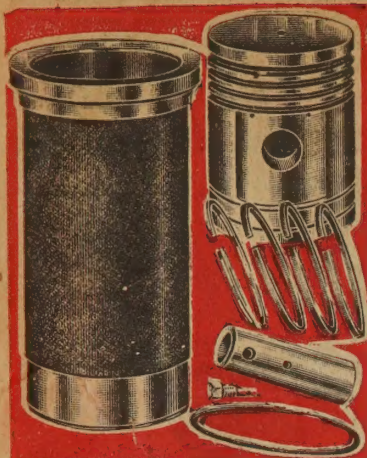
For Purolator Filters
Fits model "H" only.
Replaces Deere part AH-783-B
SOCK TYPE—Stk. No. L-205

	EACH	65c
	CARTON	\$3.49
	of 6	

CARTRIDGES for PUROLATOR N-15, N-16

For Purolator N-15 Filter. CAN TYPE. Stk. No. L-114. Each, 69c
CARTON OF 6, \$3.75
For Purolator N-16 Filter. CAN TYPE. Stk. No. L-115. Each, 75c
CARTON OF 6, \$3.98

Precision Cartridges Last Longer — Cost Only Half as Much



NEW
Precision
MATCHED

**WE PAY SHIPPING
CHARGES
ON SLEEVE SETS**

**COMPLETE SETS
Low as**

\$24⁵⁰

SLEEVE SETS

SAVE UP TO 40% OF MANUFACTURERS LIST PRICES

BETTER THAN PRE-WAR QUALITY
Precision Ni-Chrome Sleeve Assemblies have been engineered to provide a replacement better than the originals. Precision Sleeves and Pistons are exact in all dimensions and fit right into your old block, but embody all up-to-date improvements in metals and foundry practices to give you longer wear and better service than ever.

VERTICAL CAST—NI-CHROME ALLOY
Vertical casting produces sleeves free of sponge spots, air bubbles, and impurities, and permits more accurate control of carbon content which governs wear.

SAVE ON FUEL and OIL.
Every farmer knows the excessive cost of operating a tractor with worn sleeves and pistons—the power loss, high oil use, and threat of breakdown. At these low prices, as much as 40% below the manufacturers list, your economies in faster work and reduced fuel and oil bills will quickly repay your original cost.

SLEEVE SETS ARE COMPLETE
Each set of Precision matched sleeves contains 4 sleeve liners, 4 matched pistons, pins, compression and oil control rings, and rubber packing (except on Wallis and Twin City).

MODEL and YEAR	Type and Fuel	Stk. No.	List Price	OUR LOW PRICE
For McCORMICK-DEERING				
F-12, W-12, F-14, 1933-39, 3" bore. 5 ring flat head piston.....	Standard Distillate	S-7	\$34.80	\$24.50
F-12, W-12, 1933-38, 3" bore. 5 ring raised head piston.....	5000' H-C Gasoline	S-9	\$34.80	\$25.50
F-12, W-12, 1933-38, 3" bore. 5 ring super piston for extra comp.....	8000' H-C Prem. Gas.	S-10	\$36.00	\$26.95
F-14, W-14, 1938-39, 3" bore. 5 ring stepped head piston.....	5000' H-C Gasoline	S-9	\$34.80	\$25.50
Farmall Regular, F-20, 1924-39, 3 3/4". 4 ring flat head piston.....	Standard Distillate	S-1	\$46.20	\$29.50
Farmall Regular, F-20, 1924-39, 3 3/4". 4 ring raised head piston.....	5000' H-C Gasoline	S-2	\$46.20	\$29.95
Farmall Regular, F-20, 1924-39, 3 3/4". Super raised head piston.....	8000' H-C Prem. Gas.	S-3	\$50.00	\$31.95
10-20, F-30, W-30, 1923-29, 4 1/4" bore. 4 ring flat head piston.....	Standard Distillate	S-5	\$56.10	\$36.50
10-20, F-30, W-30, 1923-39, 4 1/2" bore. 4 ring dome head piston.....	5000' H-C Gasoline	S-6	\$56.10	\$37.75
10-20, F-30, W-30, 1923-39, 4 1/4" bore. Extra high flat head piston.....	8000' H-C Prem. Gas.	S-4	\$59.00	\$38.95
A, AV, B, Power Unit U-2, 3" bore. Flat head piston.....	5000' H-C All Fuels	S-60	\$34.80	\$24.50
A, AV, B, Power Unit U-2, 3" bore. 3/8" stepped head piston.....	8000' H-C Prem. Gas.	S-65	\$36.00	\$25.50
H, W-4, I-4, Power Unit U-4, 3 3/4". Flat head piston.....	5000' H-C All Fuels	S-61	\$39.60	\$27.95
H, W-4, I-4, Power Unit U-4, 3 3/4". Stepped piston. Not for HC head.....	8000' H-C Prem. Gas.	S-64	\$42.00	\$29.95
M, W-6, T-6, Power Unit U-6, 3 3/4". Flat head piston.....	5000' H-C All Fuels	S-62	\$46.20	\$35.95
M, W-6, T-6, Power Unit U-6, 3 3/4". 1/8" stepped piston. Not for HC head.....	8000' H-C Prem. Gas.	S-63	\$48.40	\$37.95
Diesels MD, WD6, TD6, Power Unit UD6, 3 3/4" bore. Alloy pistons.....	Diesel	*S-67	\$108.90	\$74.50
W-9, I-9, T-9, Power Unit U-9, 4.4". Flat head piston.....	5000' H-C All Fuels	*S-66	\$65.40	\$49.95
Diesels WD9, OD9, TD9, Power Unit UD9, 4.4" bore. Alloy pistons.....	Diesel	*S-68	\$116.00	\$83.50
15-30, 1921-28, 4 1/2" bore. Flat head pistons like original equipment.....	Standard Distillate	S-20	\$77.00	\$39.95
15-30, 1921-28, 4 1/2" bore. Raised head pistons for high compression.....	5000' H-C Gasoline	S-21	\$77.00	\$40.95
15-30, 1921-28, changeover to 4 3/4" flat head pistons to increase power.....	Standard Distillate	S-22	\$77.00	\$41.95
15-30, 1921-28, changeover to 4 3/4" raised pistons to increase power.....	5000' H-C Gasoline	S-26	\$77.00	\$43.95
22-36, 1929-35, 4 3/4" bore. Flat head pistons like originals.....	Standard Distillate	S-23	\$77.00	\$41.95
22-36, 1929-35, 4 3/4" bore. Raised head pistons for high comp.....	5000' H-C Gasoline	S-24	\$77.00	\$42.95
22-36, 1929-35, 4 3/4" bore. Extra high flat head pistons.....	8000' H-C Prem. Gas.	S-25	\$77.00	\$44.95
WA40, T40 to increase bore to 3 3/4" W40, WK40, Tractor T-40. Power Unit PA50, U21. Bevel head, set of 6.....	5000' H-C Gasoline	*S-27	\$77.00	\$39.95

For MASSEY HARRIS (WALLIS)

12-20, Certified, Challenger, Pacemaker 1930-38, 3 3/4" piston for gasoline. Twin Power Challenger, T.P., Pacemaker. Bevel head piston, 2 3/4"/comp. dist.....	5000' H-C Gasoline	S-42	\$52.00	\$36.95
20-30, Certified, to Tractor No. 69000. Can be installed in K, OK, to use 4 3/4" pistons.....	Standard All Fuels	S-41	\$52.00	\$39.95
25, 26-41, after Tractor No. 69000. Flat head pistons, 4 3/4" bore.....	Standard All Fuels	*S-44	\$48.00	\$39.95

For MINN. MOLINE (TWIN CITY)

12-20, 17-28, 1919-34, 4 1/4" bore. 4 ring flat head pistons.....	Standard Dist. or Gas.	S-31	\$54.00	\$38.95
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MODEL and YEAR	Type and Fuel	Stk. No.	List Price	OUR LOW PRICE
For ALLIS-CHALMERS				
B, 1B, B-15, 1938-42, 3 3/4" bore. Concave head, 4.8 to 1 ratio.....	Standard Distillate	S-51	\$36.00	\$25.50
B, 1B, B-15, 1938-42, increase bore to 3 3/4". Concave, 5.0 to 1.....	Standard Distillate	S-58	\$36.00	\$25.95
B, 1B, B-15, 1938-42, increase bore to 3 3/4". Flat head, 5.7 to 1.....	5000' H-C Gasoline	S-59	\$40.00	\$26.50
RC, C, Combine 60 H, 1941-47, 3 3/4". 4 ring, flat head, 5.7 to 1.....	5000' H-C Gasoline	S-59	\$40.00	\$26.50
W, WC, WF, W-25, 1933-47, 4" bore. 4 ring, concave head, 4.2 to 1.....	Standard Distillate	S-55	\$40.00	\$29.95
W, WC, WF, W-25, 1933-47, 4" bore. 4 ring flat head iron piston.....	5000' H-C Gasoline	S-57	\$44.00	\$30.95
W, WC, WF, W-25, 1933-47, 4" bore. 4 ring aluminum alloy pistons.....	8000' H-C Gasoline	S-56	\$44.00	\$32.95
U, UC, M, U-40, 1936-42, 4 1/2" also early U, UC, to increase power. 5 ring, concave head, 4.7 to 1.....	Standard Distillate or Gasoline	*S-53	\$43.80	\$38.95
E, 18-30, K, 20-35, 1929-34, 4 3/4". Original type 4 ring pistons.....	Standard Dist. or Gas	*S-52	\$68.00	\$53.95
E, 18-30, K, 20-35, before engine K2670 to increase bore to 5". E, K, 35, 25-40 nose. K2670 to 8330.....	5000' H-C Gasoline	*S-49	\$66.40	\$51.95
EK, 35, 1935-42; also A, 1936-42 to increase bore to 5". Flat head.....	5000' H-C	*S-54	\$64.40	\$52.50
EK, WK, 35, Monarch 50, L, Power Unit L90 after engine No. K8331. Sleeve grooved for two packing rings.....	Gasoline Standard Dist. or Ker.	*S-48	\$74.00	\$55.50

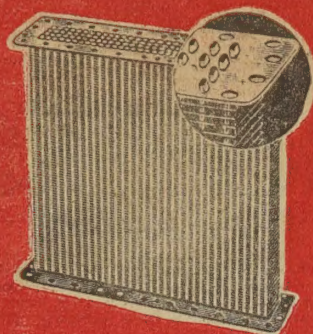
For J. I. CASE

V, VC, VO (Continental F-124) 1939-42, 3" flat head piston for gasoline.....	5000' H-C Gasoline	S-18	\$34.80	\$27.50
R, RC, Combines C, K, 1935-42, 3 3/4", for sleeved motor only.....	5000' H-C Gasoline	S-19	\$43.60	\$32.95
S, SC, SO, Combine V, 1940-47, 3 1/2" bore. Flat head 4 ring pistons.....	5000' H-C Gasoline	S-17	\$42.00	\$28.50
C, CC, D, DC, 1929-47, Combine P, 3 3/4", 4 ring flat head pistons.....	Standard Dis. or Ker.	S-12	\$46.00	\$33.50
C, CC, D, DC, 1929-47, Combine P, 3 3/4", 4 ring raised head pistons. Not for D, DC with hi-comp. cyl. head.....	5000' H-C Gasoline	S-15	\$50.00	\$34.95
L, LA, 26-40, 1928-47, 4 3/4" bore. 4 ring flat head pistons.....	Standard Dis. or Ker.	S-13	\$60.00	\$42.95
L, LA, 26-40, 1928-47, 4 3/4" bore. 4 ring raised head pistons.....	5000' H-C Gasoline	S-16	\$64.00	\$42.95
A, 12-20, Early Combines, 4 1/4" bore. Original type pistons.....	Standard Dis. or Gas.	S-11	\$48.00	\$39.95
K, 15-27, 18-32, 4 1/2" bore, original flat head type pistons.....	Standard Dis. or Gas.	S-14	\$54.00	\$42.50

FOR OLIVER & WAUKESHA (HART-PARR)

OLIVER 70, 70 HC, Row Crop, 6 cylinder, 3 1/4" also for converting 70KD to gas. 6 in set.....	5000' H-C Gasoline	S-91	\$52.50	\$38.95
OLIVER A, 28-44, 90, 99, Road Grader, 4 3/4" F.H. piston, 2 1/4" comp. dist.....	Standard Dist. or Gas.	S-92	\$56.00	\$42.50
WAUKESHA VIS engine. 4 1/4" bore, 2 3/4" comp. OLIVER 18-27, 18-28, Std. Row Crop. Original type.....	Standard Dist. or Gas.	S-93	\$48.00	\$35.95
WAUKESHA VIM engine 4 1/4" bore, 2 3/4" comp. OLIVER 80 HC Std. 80 HC Row Crop 4 1/2" bore, also 18-28 to increase bore to 4 1/2".....	5000' H-C Gasoline	S-94	\$52.00	\$39.95
OLIVER 60, 60 HC, 60 Std. 4 cyl. 3 3/4" flat head piston.....	5000' H-C Gasoline	S-95	\$40.00	\$27.95
WAUKESHA VIK engine 4 1/2" bore, concave head. 2 3/4" comp. dist. OLIVER 80 KD Std. 80 KD Row Crop. 4 1/2" bore, concave head.....	Standard Dist. or Ker.	S-96	\$54.00	\$39.95
WAUKESHA VIK engine 4 1/2" bore, flat head. 2 3/4" comp. dist. OLIVER 80 KD Std. 80 KD Row Crop. 4 1/2" bore, for converting to gasoline.....	5000' H-C Gasoline	S-97	\$54.00	\$39.50

OUR BUSINESS IS BUILT BY SATISFIED CUSTOMERS



RADIATOR CORES

LARGE OVAL TUBES FOR EXTRA COOLING CAPACITY

HEAVY DUTY CORES made of finest copper and brass alloys reinforced and sealed with high tin content solder.

FREEZEPROOF & SHOCKPROOF, built to provide maximum cooling capacity and to withstand vibration without leaking.

LARGE OVAL TUBES are made of rust-resisting PRE-WAR copper, soldered to horizontal fins for maximum heat transfer.

ALL CORES ARE BUILT to exact specifications for easy installation. Cores for older model tractors are supplied complete with top and bottom header plates with holes drilled, ready to bolt to old water tanks.

CORES FOR IHC, H & M are supplied as a complete unit. Others are supplied as specified with header plates ready to solder to old tanks.

2 YEAR SERVICE GUARANTEE ON EACH CORE

For IHC F-20
Farmall, 10-20

\$25⁹⁵

FOR IHC, McCormick-Deering, FARMALL

For Farmall F-12, F-14, W-12. Height 19". Header plates 5 1/8" x 17 1/2". Complete with holes drilled ready to bolt to tank. Stk. No. C-4. Wt. 26 lbs. Ea. **\$19.75**

For Farmall Regular, F-20, all 10-20. Height 20 1/2". Header plates 5 1/4" x 22". Complete with holes drilled ready to bolt to tank. Stk. No. C-5. Wt. 32 lbs. Ea. **\$25.95**

For Farmall F-30, 1931-39. Height 22 1/2". Header plates 5 1/8" x 22". Complete with holes drilled ready to bolt to water tank. Stk. No. C-6. Wt. 37 lbs. Ea. **\$29.95**

For 15-30, 1921-27. Height 23 1/2". Header plates are 5 1/2" x 24". Complete with holes drilled ready to bolt to water tank. Stk. No. C-7. Wt. 36 lbs. Ea. **\$29.95**

For 15-30, 1927-28, 28-36, W-30. Height 23 3/4". Header plates are 4 3/4" x 24". Complete with holes drilled ready to bolt to tank. Stk. No. C-8. Wt. 37 lbs. Ea. **\$29.95**

For Farmall H. Replaces IHC 6716DDX. Complete including core and water tank. Ready to be installed. Stk. No. C-1. Wt. 34 lbs. Ea. **\$41.50**

For Farmall M. Replaces IHC 6717DDX. Complete including core and water tank. Ready to be installed. Stk. No. C-2. Wt. 39 lbs. Ea. **\$52.50**

FOR ALLIS-CHALMERS

For WC, before No. 74329. Height 18 1/8". Header plates, top, 5 7/8" x 19 1/4", bottom, 3 3/4" x 19 1/4". Complete core ready to be soldered to water tank. Stk. No. C-3. Wt. 31 lbs. Ea. **\$25.95**

For WC, after No. 74330. Height 18 1/4". Header plates, top, 5 3/4" x 18 1/4", bottom, 2 7/8" x 18 1/4". Complete core ready to be soldered to water tank. Stk. No. C-26. Wt. 28 lbs. Ea. **\$54.50**

FOR JOHN DEERE

For D, 1925-31, before No. 109943. Height 19 3/4". Header plates, top, 15 1/8" x 23 1/2", bottom, 5 3/4" x 23 1/2". Complete with holes drilled ready to bolt to water tank. Stk. No. C-9. Wt. 32 lbs. Ea. **\$26.95**

For D, 1931 and up. Height 19 3/4". Header plates, top, 15 1/8" x 23 1/2", bottom, 5 3/4" x 23 1/2". Complete with holes drilled ready to bolt to water tank. (Also is heavy duty replacement for earlier model). Stk. No. C-10. Wt. 39 lbs. Ea. **\$29.95**

For B, 1934-40. Height 16 1/2". Header plates 5 3/4" x 16 3/4". Complete with holes drilled ready to bolt to water tank. Stk. No. C-13. Wt. 25 lbs. Ea. **\$18.75**

For A, 1934-40. Height 18 1/2". Header plates 5 1/2" x 18 1/2". Complete with holes drilled ready to bolt to water tank. Stk. No. C-14. Wt. 30 lbs. Ea. **\$30.45**

For A, 1940-42. Height 20". Header plates 5 1/2" x 18 1/2". Complete with holes drilled ready to bolt to water tank. Stk. No. C-13. Wt. 30 lbs. Ea. **\$29.95**

For A, 1942-46. Height 21". Header plates 5 1/2" x 18 1/2". Complete with holes drilled ready to bolt to water tank. Stk. No. C-12. Wt. 33 lbs. Ea. **\$29.95**

FOR J. I. CASE

For C, CC, D, DC, all years. Height 20 1/2". Header plates 5 3/4" x 17 1/2". Complete with holes drilled ready to bolt to water tank. Stk. No. C-21. Wt. 35 lbs. Ea. **\$26.95**

For L, LI, 26-40, all years. Height 23". Header plates 6 3/8" x 22 1/4". Complete with holes drilled ready to bolt to water tank. Stk. No. C-20. Wt. 44 lbs. Ea. **\$31.50**

For RC, 1936-40. Height 19". Header plates 5 3/4" x 17 1/2". Complete with holes drilled ready to bolt to water tank. Stk. No. C-23. Wt. 30 lbs. Ea. **\$21.95**

PERMATEX CHEMICALS



FORM-A-GASKET No. 1. Fast drying, hard setting. Seals unions. Stk. No. 20A31. 1 oz. tube **\$3c**
Stk. No. 20A32. 8 oz. tube **\$9c**

FORM-A-GASKET No. 2. Slow drying, remains pliable. General use. Stk. No. 20A34. 1 oz. tube **\$3c**
Stk. No. 20A35. 8 oz. tube **\$9c**

GASKET SHELLAC. Heavy bodied adhesive leak sealer. Stk. No. 20A39. 2 oz. bottle with applicator **\$17c**
Stk. No. 20A40. 1/2 pt. can with brush **\$6c**

AVIATION FORM-A-GASKET. Changes to paste but never hardens. Stk. No. 20A37. 1/4 pt. can with brush **\$9c**

RADIATOR CLEANER. Quickly dissolves rust and scale. Stk. No. 20A43. 1 qt. bottle **\$1.35**

RUST PREVENTOR. Put in radiator at once after cleaning. Stk. No. 20A44. 3 oz. can **\$3c**

FORM-A-WELD. Permanently repairs cracked heads and jackets. Stk. No. 20A45. 1 pt. can **\$1.35**

NEATFOOT OIL. Softens and preserves leather. Water resistant. Stk. No. 20A46. 1 pt. can **\$6c**

LIQUID RADIATOR CEMENT. Seals leaks in cooling system. Stk. No. 20A42. 1/2 pt. can **\$4c**

TOON-OYL. Crankcase detergent, prevents carbon formation. Stk. No. 20A49. 1 pt. can **\$6c**

ENGINE ENAMEL. Grey, heatproof, one coat covers. Bakes on. Stk. No. 20A50. 1/2 pt. can **\$6c**

VALVE GRINDING COMPOUND. Will resseat super-hard valves. Stk. No. 20A51. 1 1/2 oz. can for hand or machine grinding **\$3c**

NON-DRYING PRUSSIAN BLUE. For lining up valves and bearings. Stk. No. 20A52. 3/4 x 4" tube **\$2c**

PENETRATING OIL. Lubricates damp and rusty bearing surfaces. Stk. No. 20A47. 1/2 pt. can **\$3c**

RADIATOR HOSES



For IHC Models	Size	Stk. No.	Each
Farmall Regular, F-20, 10-20	2 1/2" x 5 1/2"	13A50	19c
All 15-30; Outlet only for 22-36	3" x 4 1/2"	13A51	17c
22-36, Inlet hose only	2 3/4" x 3 1/2"	13A55	13c
F-12, F-14, W-12, Inlet only	2" x 5 1/4"	13A52	11c
F-12, F-14, W-12, Outlet only	2" x 3 3/4"	13A53	10c
Adjustable Hose Clamp		13A54	10c



HEAT INDICATOR

EASILY INSTALLED ON ANY TRACTOR, CAR OR TRUCK

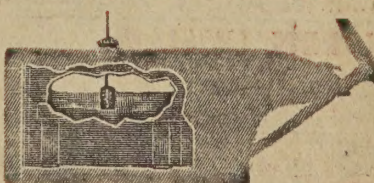
This precision gauge is guaranteed to give you the accurate temperature of your engine at all operating speeds. It is easily installed and is supplied complete with all fittings and brackets for post or panel mounting. Heat unit plugs into block or radiator hose.

Stk. No. 19A27. Complete, wt. 1 1/4 lbs. **\$2.49**

RADIATOR & FUEL TANK CAPS

Fits Allis Chalmers, Deere, Case, IHC and most other tractors and trucks with 1 1/2" bayonet type filler necks. Original equipment type with scored grips and rust-resisting finish, same as on most current model tractors and trucks. Fuel caps have heavy leather gasket with protected breather vent. Radiator caps have rubber gasket. Always keep a spare on hand.

FUEL TANK CAP—Stk. No. 19A28—Ship, wt. 1/2 lb. Each 19c
RADIATOR CAP—Stk. No. 19A29—Ship, wt. 1/2 lb. Each 19c



GAS GAUGE

Fits All Tractors, Combines, and Other Tanks with Standard 1 1/2" Bayonet Filler Necks.

You'll never run out of gas with this type of gauge because the indicator rod tells you exactly what your reserve supply is at a glance. Cuts repair bills by guarding against foreign matter that gets into tank when measuring by stick. Comes complete with cap, float and indicator. Rod is long enough for deepest tanks and can be cut and top bent to fit your tank.

Stk. No. 19A31—Ship, wt. 1 lb. Each **85c**

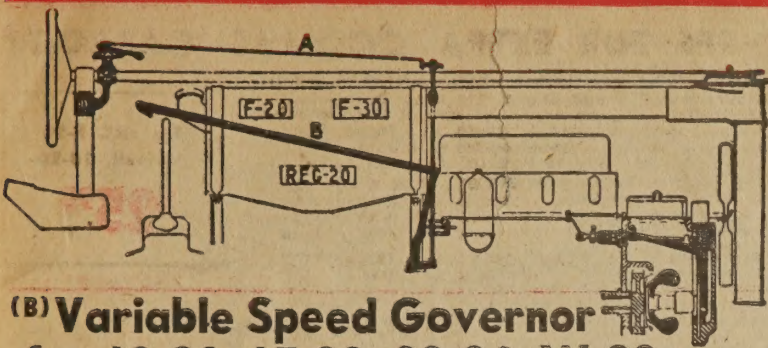
ENGINE HOUR METERS



Here is the means of obtaining a foolproof record of tractor or truck engine operating time, for servicing records, changes, etc. An aircraft type instrument which starts recording when the motor is turned on, and shuts off automatically when the engine stops. Connects into oil pressure line. Will operate on any battery equipped tractor.

6 VOLT—Stk. No. 3E37 **\$17.50**
12 VOLT—Stk. No. 3E36 **\$17.50**

VARIABLE SPEED GOVERNOR for IHC



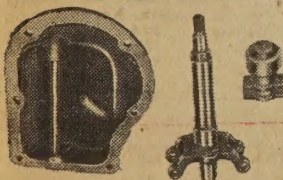
(B) Variable Speed Governor for 10-20, 15-30, 22-36, W-30 Regular, F-20, F-30

THROTTLE CONTROL ALONGSIDE TANK (Type B in picture)
Give your old IHC tractor the same snap and pep as the late models by installing this popular FLYBALL GOVERNOR CONVERSION! It has been the most popular tractor attachment we have ever sold, and tens of thousands of IHC owners hail it as the best investment they have ever made. Operation is identical to the 1949 edition shown at right except that controls are simplified to reduce the cost. Develops maximum power at your selected engine speed, saving wear and tear on your equipment. Flyball action has full control over the whole speed range of the engine, with wide choice of operating setting. On a Farmall, for example, the range is from 500 rpm to 1350 rpm with adjustment notches about 50 rpm apart.

COMPLETE PARTS—FULL INSTRUCTIONS
Kits are complete with all parts. You get brand new, scientifically balanced ball weights, pins, speed change casting, rocker arm casting with master spring, all control rods with brackets for dash, and all necessary small parts. Full instructions, in pictured details, for installing and adjusting included with each kit.

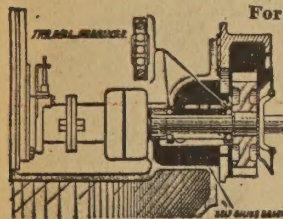
H-111—FARMALL REGULAR, 1926-31. Models with enclosed governors.
H-112—FARMALL F-20, 1932-38. Serial No. FA501-FA91823
H-113—FARMALL 30, F-30, 1931-38
H-114—McCORMICK DEERING, W-30, 1931-38
H-115—McCORMICK DEERING, 10-20
McCORMICK-DEERING, all 22-36 and 15-30 with enclosed governor 1927-35. Serial Nos. TG50120 and after. New governor sleeve with bearing (1401DDX) is required and supplied in kit for these models.
H-116—Ship. wt. 11 lbs. Kit \$15.50

CHANGEOVER from IHC THROTTLE TYPE GOVERNOR



1938 and 1939 IHC tractors generally were equipped with the IHC throttle type governor, and many earlier models were converted. If your tractor has one of these governors (you can tell by the Half-Moon shaped weights) you cannot use our automatic variable speed improved governor without first converting your tractor.
Stk. No. H-333. \$11.60
Ship. wt. 7 lbs.
Order this kit and a throttle governor from the listing at top of page.

BALL BEARING GOVERNOR SHAFT BRACKET



For Farmall Regular, F-20, F-30, W-30, 10-20.
Complete assembly consists of new governor bracket, new shaft, with weight carrier, new ball bearings, and oil flinger.

END REPLACEMENT WORRIES

The new ball bearing shaft runs smooth and true and overcomes the old end lash which hindered snappy governor action. Self oiling and greasing and will last the life of the tractor.
Stk. No. H-300. \$16.50
Ship. wt., 15 lbs. Kit

NEW GOVERNOR SHAFTS FOR IHC

Governor shafts are complete with weight carrier and shield as pictured. Shaft is ground and hardened for long service. When replacing shaft, be sure to include new Bronze Bushings and Governor Sleeve and Bearing listed below.

SHAFT for FARMALL Regular; IHC 10-20, 15-30, 22-36. Fits all 1924-31 models. Repl. IHC 4240DAX. Stk. No. T-301—Wt. 3 lbs. Each \$2.95

BRONZE BUSHING for above shaft. Standard size. Stk. No. N-119—Shpg. wt., 1/2 lb. Each 59c

BUSHING .010 undersize for worn shaft. Stk. No. N-120. 59c

GOVERNOR SHAFT for FARMALL F-20, F-30, 1932-38. Shaft complete with weight carrier and shield. Repl. IHC 1722ODX. Stk. No. T-302—Wt. 3 lbs. Each \$2.95

GOVERNOR SLEEVE and BEARING

For Farmall Regular, F-20, F-30, W-30, and 10-20 with enclosed type governor. Bronze casting, machined, with ball bearing as used on governor shaft. Replaces IHC 1401DDX. Stk. No. 8A57. 1 lb. Each \$4.25



(A) 1949 Governor Snap and Controls for 1927-39 Farmall Regular, F-20, F-30

THROTTLE CONTROL ON STEERING POST (Type A in picture)
Brand New Features added to a tested and proved Flyball Governor Changeover for these Farmall models. Brings them up to date with instantaneous governor action and controls on the steering column like new models.

Gives a wide open throttle at the operating speed you select, and with maximum power at that speed. Full control over the entire engine speed range with close adjustment notches. Holds motor steady, snaps immediately if more power is needed. No surging or loping as with old style governors.

New 1949 controls provide quadrant and lever right on the steering column as pictured, within easy reach of operator at all times.

COMPLETE PARTS—FULL INSTRUCTIONS

Kits contain all parts to modernize your old IHC governor—scientifically matched ball weights and pins, speed change casting, rocker arm casting with spring, connecting linkage and brackets, main control lever and quadrant parts, together with pictured installation instructions. Ship. wt. 11 lbs.

CONTROL HANDLE MOUNTS ON STEERING COLUMN.

Full Throttle Action Over Entire Speed Range

Governor Parts Kit Complete with Controls.

For Farmall F-20, 1932-38. Stk. No. H-132. \$16⁹⁵
For Farmall F-30, 1931-39. Stk. No. H-133.
For Farmall Regular, 1927-31 with enclosed governor. Stk. No. H-131.

REPAIR KITS FOR HEISLER GOVERNORS



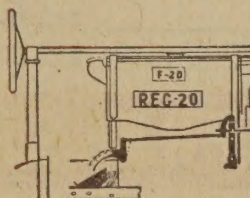
Thousands of Variable Speed Governors have been installed on IHC tractors, many of them now having 10 years of service. If you have one of our Heisler Governors, and time has dulled the snap and pep of its performance, these kits contain parts necessary for complete overhaul. New, latest type matched ball weights with pins, new rocker arm casting with springs, as pictured.

For Farmall Regular, F-20, F-30, W-30. Stk. No. H-121 2 lbs. \$4.75
For IHC McCormick Deering 10-20. Stk. No. H-122 2 lbs.
For IHC McCormick Deering 15-30, 22-36 Stk. No. H-123 2 lbs.

FOOT THROTTLE for FARMALL

Regular, F-20, F-30

If Equipped with Our Variable Speed Governor



New patented Foot Throttle Attachment designed to work with either of our Throttle Type governors listed on this page—cannot be installed unless governor has been installed. Kit contains foot pedal, foot rest, brackets and connecting linkage, with instructions. Operates like the foot feed on cars and trucks.

KITS COMPLETE, Ready to Install.

For Farmall Regular. Stk. No. H-151 \$7⁸⁵
For Farmall F-20. Stk. No. H-152
For Farmall F-30. Stk. No. H-153

AUTOMATIC IDLING CONTROL for Farmall H and M DEERE A and B, FORD



Easily installed attachment connects clutch pedal to carburetor butterfly so when clutch is depressed motor idles, then returns to governed speed when again engaged. Eliminates hand throttling and racing engine, saves wear and tear on machinery, simplifies turning and conserves fuel.

7A85—For DEERE "B", Nos. below 201,000. Ship. wt. 2 lbs. Kit \$2.95
7A84—For DEERE "A", Nos. below 584,000. Ship. wt. 2 lbs. Kit \$2.95
7A81—For FORD (Ferguson), 1939-46. Ship. wt. 2 1/2 lbs. Kit \$4.75
7A82—For IHC Farmall "H", all years. Ship. wt. 2 1/2 lbs. Kit \$5.95
7A83—For IHC Farmall "M", all years. Ship. wt. 3 1/2 lbs. Kit \$5.95

GOVERNOR CONTROLS for "H" AND "M"



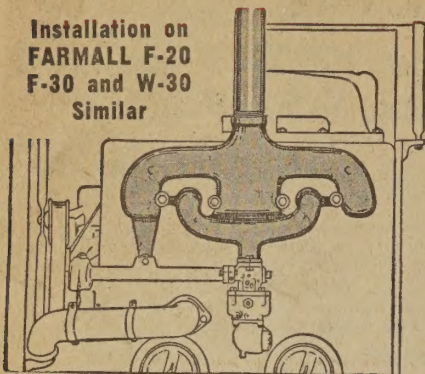
CONTROL HANDLE, repl. IHC 51343DBX. Stk. No. 8A54, 4 oz. 37c
CONTROL PLATE, repl. IHC 51351DBX. Stk. No. 8A55, 7 oz. 85c

GOVERNOR BALL WEIGHTS for "H", "M"

Replaces IHC part 45655D. 2 used on each tractor. Stk. No. 8A58—Ship. wt. 1/2 lb. Each 95c

INCREASED POWER WITH A COLD GAS MANIFOLD

Installation on
FARMALL F-20
F-30 and W-30
Similar



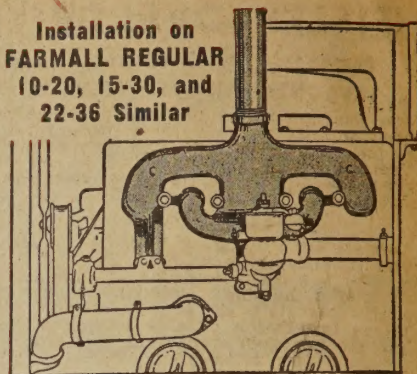
FOR PROPER GASOLINE VAPORIZATION

Modern gasolines are highly volatile and require less heat for proper vaporization. Old style manifolds provide much more fuel pre-heating and do not permit full use of the extra power in gasoline. These new cold type manifolds are designed for gasoline operation, fit the block exactly, and are easily installed. Complete with instructions.

UP TO 20% MORE POWER

Users report that the installation of our cold manifold greatly increases tractor power, easier starting with a hot motor, improved idling, faster governor action and smoother pulling power, with less carbon and sludge, and with extra hours of work out of every tank full of gas. Manifolds are supplied ready to install without machining, complete with instructions and manifold gasket.

Installation on
FARMALL REGULAR
10-20, 15-30, and
22-36 Similar



FOR BETTER PERFORMANCE and GREATER ECONOMY WITH GASOLINE

For IHC McCORMICK-DEERING

FARMALL REGULAR, All 1927-31 Models With Enclosed Governor. Stk. No. H-211. 35 lbs.	\$16.95
FARMALL F-20, All 1932-39 Models Using Zenith Carburetors. Stk. No. H-212. 36 lbs.	\$17.25
MANIFOLD COVER for Above. Prevents trash accumulating and makes starting easier in cold weather. Stk. No. H-312. 6 lbs.	\$2.85
FARMALL F-30, IHC W-30, All 1931-39 Models. Stk. No. H-213. Ship. wt. 45 lbs.	\$19.35
McCORMICK DEERING 10-20, All 1927-35 with Enclosed Governor. Stk. No. H-215. 47 lbs.	\$19.85
McCORMICK DEERING 15-30, 1927-28 Models with Enclosed Governor. Stk. No. H-216. 50 lbs.	\$21.95
McCORMICK DEERING 22-36, All 1929-35 Models. Stk. No. H-217. Ship. wt. 51 lbs.	\$22.95

INSTALL A NEW MUFFLER WITH YOUR MANIFOLD
The 5 Manifolds listed above for IHC have upright exhaust outlet pipes and use our Muffler 28A3. See muffler page.

For JOHN DEERE "A" and "B"

"B", All 1934-47, Serial Nos. B-1000 to B-190,000. Stk. No. H-251. Ship. wt. 25 lbs.	\$12.25
"A", All 1934-40, Serial Nos. 410,000 to 487,999. Stk. No. H-252. Ship. wt. 25 lbs.	\$12.75
"A", All 1940-47, Serial Nos. 488,000 to 574,000. Stk. No. H-253. Ship. wt. 25 lbs.	\$12.75

For IHC McCORMICK-DEERING

Following Cold gasoline manifolds for IHC include special increased power carburetor kit to give proper vaporization of gasoline fuel. Kit contains new needle valve and seat, and new venturi to install in your old carburetor, to convert for gasoline operation.

FARMALL F-20, All 1932-39 Models Using Zenith Carb. Stk. No. H-212X. With carb. kit. 36 lbs.	\$19.95
FARMALL F-30, IHC W-30, All 1931-39 Models. Stk. No. H-213X. With carb. kit. 45 lbs.	\$22.95
FARMALL F-12, F-14, W-12, 1934-39. Stk. No. H-218. With carb. kit. 19 lbs.	\$15.95
FARMALL "H", W-4, 1940-48, With carburetor kit. Stk. No. H-223. 25 lbs.	\$19.85
FARMALL "M", W-6, 1940-48, With carburetor kit. Stk. No. H-224. 31 lbs.	\$21.95

INSTALL A NEW MUFFLER WITH YOUR MANIFOLD
See Muffler Page. Manifold H-213 uses our 28A2; Manifolds H-223 and H-224 use 28A5; H-212 and H-213 use 28A3.

For ALLIS CHALMERS "WC"

Fits All 1934-47 "WC" Models. State Year and serial number when ordering. Stk. No. H-261. 27 lbs.

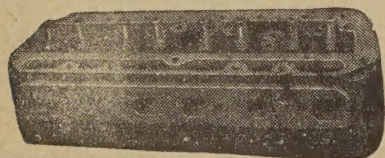
\$14.55

For OLIVER "70" 6 CYL.

"70" 1934-37 using large (1 1/4") Zenith Carburetor. Stk. No. H-271. Intake manifold only. 18 lbs.	\$13.90
"70" 1938-48 using small (1") Zenith Carburetor. Stk. No. H-272. Intake manifold only. 18 lbs.	\$13.90

HIGH COMPRESSION Cylinder Heads

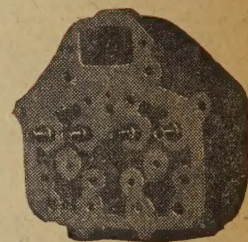
For Farmall Regular & F-20 — John Deere A and B



MODERNIZE YOUR TRACTOR PERFORMANCE

- GET HIGH COMPRESSION RESULTS WITHOUT CHANGING PISTONS
- PLOW IN THE NEXT HIGHER GEAR ● SAVE TIME AND FUEL

Thousands of owners of IHC Farmall Regular and F-20, John Deere A and B tractors have converted to gasoline fuel with its many advantages. New models are offering increased compression ratios with better performance. Now you can modernize your older tractor to get full benefits from gasoline. Increase compression equivalent to 8000' with original type pistons.



HEADS ARE COMPLETE WITH NEW TYPE VALVES

Each cylinder head is pressure tested, shipped complete with new improved valves, guides, springs and keys, and gaskets, together with complete pictured installation instructions.

DO NOT USE WITH "HIGH COMPRESSION" PISTONS

These heads are designed for original standard type pistons and will not permit use of pistons with raised heads, "altitude" types. Note recommendation regarding use of special cold manifolds. CYLINDER HEADS ARE NOT SHIPPED PREPAID. Prices shown are complete, F.O.B. our warehouses.

For FARMALL REGULAR and F-20, 1927-39

Cylinder Head Is Same for All Years—Note manifolds listed below. Head is complete with valve assemblies and gasket, ready to install. Gives equivalent of 8000' compression for extra power with gas.

HEAD COMPLETE—For Regular and F-20, 1927-39. Stk. No. H-501. 130 lbs.	\$84.50
MANIFOLD for F-20, 1932-39. Stk. No. H-212. 36 lbs.	\$17.25
MANIFOLD for Regular, 1927-31. Stk. No. H-211. 36 lbs.	\$16.95

For JOHN DEERE A & B

Pull an extra plow, or plow in the next higher gear. Modernize compression like the late models. Check your serial number carefully before ordering.

Cylinder heads are designed to work only with the manifolds shown below. These are extra cold for high compression heads only.

For Model "B"

HEAD for B, serial nos. 1,000 to 59,999. Stk. No. H-522. 68 lbs.	\$46.95
HEAD for B, serial nos. 60,000 to 94,999. Stk. No. H-524. 68 lbs.	\$46.95
HEAD for B, serial nos. 95,000 to 190,000. Stk. No. H-523. 75 lbs.	\$49.95
MANIFOLD—Extra Cold for use with either of above Heads. Stk. No. H-251. 25 lbs.	\$12.25

For Model "A"

HEAD for A, serial nos. below #487,999. Stk. No. H-520. 100 lbs.	\$59.95
MANIFOLD for above head only, extra cold. Stk. No. H-254. 25 lbs.	\$12.75
HEAD for A, serial nos. 488,000 to 574,000. Stk. No. H-521. 108 lbs.	\$61.50
MANIFOLD for above head only, extra cold. Stk. No. H-255. 25 lbs.	\$12.95

Speed-up TRANSMISSIONS for I. H. C.

HEISLER OVERDRIVE for Farmall Reg. F-20, F-12, F-14

Complete Dual Speed Range in All Gears—Forward, Reverse, Belt, Power Takeoff

SAVE FUEL—REDUCE ENGINE WEAR

Gives you higher rates of speed at standard motor speeds so that you can get jobs done faster, on less fuel, and without speeding up your motor and increasing wear. You do not lose any of your present speeds, but you add a complete new range available at a touch of the auxiliary shifter lever.

DURABLY CONSTRUCTED

Gears are all alloy steel, heat treated, for maximum life under all conditions. Gears are matched for quiet operation. New case attaches to front of transmission housing. New type clutch coupling replaces old style universal joint. Average installation time is under 4 hours. All parts are furnished along with complete pictured instructions for attaching.

DOUBLES PRESENT SPEEDS

Overdrive transmission has speed ratio of 2.1 to 1—proved most effective for all around work. If your present top speed is 6 mph. in regular drive, your top speed in overdrive will be about 12 mph. Speeds in all other gears including belt and power takeoff increase in proportion when in overdrive. Faster ratios are available on special order, but are not recommended for normal farm work.

Overdrive will not fit on tractors where IHC hydraulic pump has been installed between clutch and transmission, and will not fit on early model Regulars having multiple disc clutch. New clutch shaft is not included in kit since you may shorten your present shaft to fit. If new special shaft is wanted, order shaft and bearing listed below.

Farmall Reg. 1927-31 Stk. No. H-645 **\$86.50**
Farmall F-20, 1932-39 Stk. No. H-641

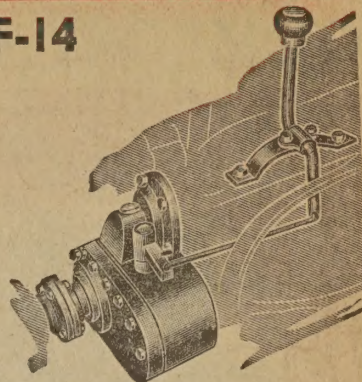
SPECIAL CLUTCH SHAFT—If your present clutch shaft is worn, install a new one. Shaft is shorter than original, for overdrive transmission. Stk. No. H-639—5 lbs. Each **\$5.95**

CLUTCH SHAFT BEARING for above shaft. Stk. No. 1308—2 lbs. Each **\$3.75**

FOR FARMALL F-12 & F-14

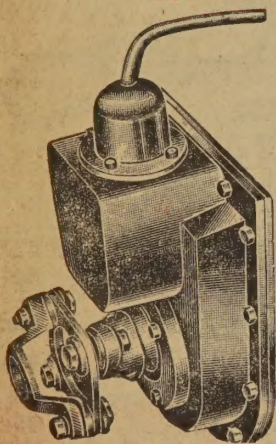
Overdrive unit complete. Tractors with serial numbers before FS-123,942 had 16 tooth drive bevel pinion; tractors after FS-124,000 had 14 tooth pinion. Many F-12's have been field changed. Check your pinion before ordering.

F-12 (16 tooth pinion) Stk. No. H-651 **\$89.95**
F-14 (14 tooth pinion) Stk. No. H-655



Attaches like a transfer case between the clutch and original transmission. Auxiliary shifter control gives you choice of your complete original speed range in all gears, or a full new range of higher speeds in all gears. Gives you the right speed for every farm job from heavy plowing to scooting down the highway at automobile speed.

HIGH SPEED ROAD GEAR for FARMALL F-20 and REGULAR



Add an Extra Gear for Fast Highway transport use on your Regular or F-20 IHC Farmall. This new gear assembly does not replace or change your present speeds, but adds a new high speed—5th on F-20's and 4th on Regulars—for fast highway travel.

DOUBLES PRESENT HIGH

Gear ratio provides a top speed of slightly over 2 to 1 against present high, depending on tire size, condition of tractor, etc. Tractor has plenty of power to start and pickup smoothly, and pull a loaded wagon down the highway.

EASILY INSTALLED

Road Gear attachment is complete. Cast iron case bolts directly to transmission case without drilling or machining. Gears are hardened for long wear, run quietly. Custom design insures easy assembly in about 2½ hours. All parts are included—case, gears, oil seals, shifter unit, gaskets, transmission coupling, and instructions.

Does not fit tractors with "M" type hydraulic pump. For All Farmall REGULARS, 1924-31 Stk. No. 8A101 **\$57.95**
For All Farmall F-20's, 1932-39 Stk. No. 8A100
IMMEDIATE DELIVERY—SHIPPED PREPAID
Special bracket for mounting IHC M pump so above Road Gear can be installed. Stock No. 8A99. **\$13.95**

SPEED CHANGE GEARS for FARMALL "H"

FILLS GAP IN PRESENT SPEED RANGE

The standard transmission on IHC Farmall H tractors leaves a gap in the speed range between fourth gear and the high speed fifth gear. By installing this field change improvement package you can spread your choice of operating speeds to fill in the gap and give your tractor an intermediate high speed for fast cultivating, hauling heavy loads, and similar jobs that are too tough for your high speed road gear.

First and second speeds remain exactly as they are now. Third gear, now rated at 4.4 mph. is increased to 5.1 mph. Fourth gear, now rated at 5.5 mph. is increased to 8.8 mph. Fifth gear remains unchanged for road travel.

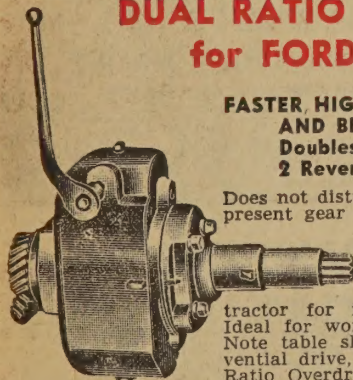
Complete assembly contains 3 gears, made of top analysis gear steel, accurately ground and machined for extreme service. Your present 2nd-3rd speed sliding gear on spline shaft, 4th-5th speed sliding gear on spline shaft, and 3rd-4th speed gear on countershaft are all removed. In place of them you install the 3 new gears furnished which give you 5 speeds but with a change of ratio described above.

UNIT COMPLETE WITH FULL INSTRUCTIONS FOR INSTALLING
Stk. No. H660—Ship. wt. 35 lbs. **\$34.95**



DUAL RATIO TRANSMISSION for FORD TRACTORS

FASTER, HIGHWAY, FIELD, POWER TAKEOFF AND BELT SPEEDS AT LOW R.P.M.
Doubles Speed Range—6 Forward, 2 Reverse, 2 Belt, 2 Power Takeoff



Does not disturb present gears. You retain your present gear ratios and speeds, but add a complete duplicate set of higher speeds. Unit is complete, transfer case added between clutch and transmission to increase the speed and versatility of your tractor for field work and highway hauling. Ideal for work with power takeoff implements. Note table showing ground speed, regular conventional drive, and the speed increase when Dual Ratio Overdrive is installed.

1st speed, 1500 rpm.....Regular	2.5 mph.....Overdrive	3.6 mph.
2nd speed, 2000 rpm.....Regular	4.2 mph.....Overdrive	6.1 mph.
3rd speed, 2000 rpm.....Regular	9.8 mph.....Overdrive	14.1 mph.
Reverse, 1500 rpm.....Regular	2.6 mph.....Overdrive	3.8 mph.
Belt Pulley, 1500.....Regular	545 rpm.....Overdrive	785 rpm.
Power Takeoff, 1500.....Regular	1018 rpm.....Overdrive	1460 rpm.

FOR ALL FORD TRACTORS 1944-48
1944-48 models, Serial No. 140775 and up, with helical trans. gear. Stk. No. 8A105. Complete. **\$67.50**

For 1939-44 FORD TRACTORS
Early models, serial numbers before 140774, used spur gears in the transmission. You can use the Dual-Ratio transmission Stk. No. 8A105 but you must change the ring gear in your transmission to the new helical cut type. See gear listed separately below.
Ring gear 2N-7113, Helical Cut. Stk. No. 8A106. Each. **\$11.95**

STARTER for IHC FARMALL Regular & F-20, 1926-39

Why put up with the inconvenience and dangers of hand cranking your tractor when you can install an up-to-date electric starter for so little cost to you? Just imagine—sitting in your tractor, pressing a button and the engine starts! The hard work and dangers of a cranking are gone forever—like having a new tractor. FITS ALL F-20 FARMALL 1932-39, and all FARMALL REGULAR, 1926-31.

COMPLETE ELECTRIC STARTER UNIT

The unit assembly consists of a new flywheel casting with flange for attaching starter, a complete new ring gear for attaching to the flywheel, and a factory rebuilt starter motor complete with starter drive and pinion gear. If your Farmall is equipped with lights and generator, all you will need is a few feet of cable and a starter switch.

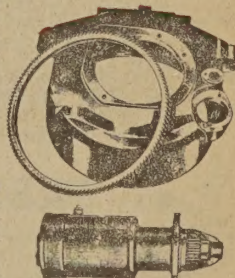
EASY TO INSTALL—ONE MACHINING OPERATION

The average installation time is about four hours. All the work can be done on the farm without special tools—except the cutting down of the old flywheel and the press fitting of the new ring gear. This job requires the services of a skilled machinist and the flywheel must be taken to a competent shop. This fit usually takes about one hour and the charge should not exceed \$7.00.

DETAILED INSTALLATION INSTRUCTIONS INCLUDED

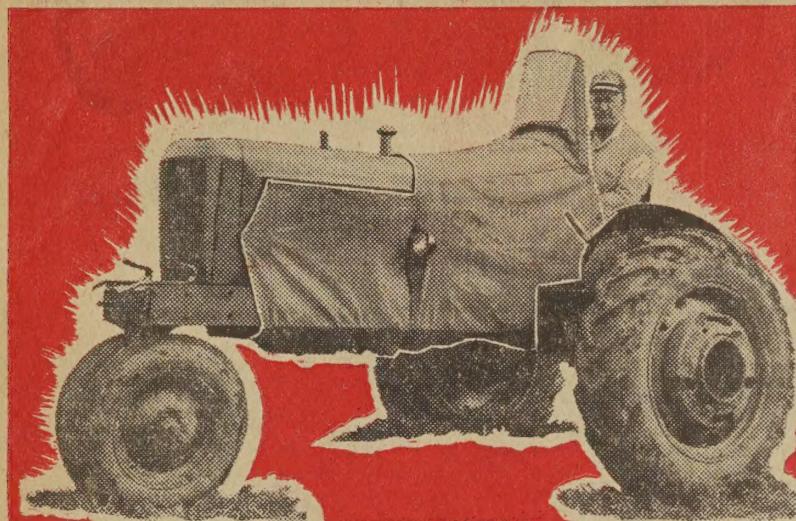
Complete instructions covering all points of installation are included with each unit. Users report how pleased they were with the simplicity of mounting this starter unit on their tractor. A large 2-jaw puller and heavy jack, plus a few ordinary wrenches are all the tools needed to do the job.

Stk. No. H-444—ELECTRIC STARTER UNIT consisting of housing casting, ring gear for flywheel, rebuilt starter and drive assembly. Ship. wt. 125 lbs. **\$51.50**



WORK IN COMFORT ON COOL DAYS

COMFORT COVERS \$36²⁵



Heavy canvas cover with steel reinforcing frame and large airplane type windshield. Keeps cold wind, snow, rain off the operator and deflects motor heat to keep him warm. Does not interfere with tractor or implement operation. Tested by thousands of farmers and hailed as the answer to the comfort problem in bad weather when chores must be done.

TAILOR MADE TO FIT YOUR TRACTOR EXACTLY

MCCORMICK DEERING

CC-100—Farmall "H"
CC-101—Farmall "M"
CC-102—Farmall Reg. & F-20
*CC-129—Farmall F-30
*CC-123—Farmall "A"
*CC-121—W-6, 1-6
*CC-122—W-9, 1-9

JOHN DEERE

CC-104—1939-46 A. with lights
CC-105—1939-46 A. no lights
CC-133—1947-48 "A"
CC-126—1934-39 "A"
*CC-106—1939-46 B. with lights
*CC-107—1939-46 B. no lights
*CC-127—1934-39 "B"
*CC-134—1947-48 "B"
*CC-124—"G" and "GM"
*CC-125—"H"

ALLIS-CHALMERS

CC-103—WC, 1939 and after
CC-128—WC, prior to 1939
*CC-117—"B"
*CC-118—"C"
*CC-138—"WD"

FORD—FERGUSON

CC-135—All 1939-48

OLIVER

CC-112—"70" 1938 and after
*CC-113—"60"
*CC-114—"80"

CASE

*CC-119—"SC"
*CC-120—"DC"
*CC-132—"CC"
*CC-131—VAC, 4820409 & up

COCKSHUT—CO-OP

*CC-139—Co-op E-3, Cockshut 30, Farmcrest 30

MINN. MOLINE

*CC-109—"B" series, 1939 & up
*CC-110—"Z" series, 1939 & up
*CC-111—"U" series, 1939 & up

MASSEY HARRIS

*CC-116—101 Sr. 1939 & up
*CC-115—101 Jr. 1939 & up

Numbers Marked * Shipped from Omaha Only—Allow 10 Days

FAN BELTS low as 65¢

LONG WEARING TRACTOR FAN BELTS, designed and built by leading manufacturers. Highest quality new rubber laminated ply construction.



IHC

Farmall Regular 1924-31. 44 1/4" flat belt. Stk. No. B-11. 1 1/2 lbs. Each. 79c

Farmall Regular 1924-31. 44 1/4" DeLuxe fabric covered belt for extra service. Stk. No. B-101. 1 1/2 lbs. Each. \$1.49

Farmall F-20, 1932-38. 45 1/2" flat belt. Stk. No. B-10. 1 3/4 lbs. Each. 79c

Farmall F-20, 1932-38. 45 1/2" DeLuxe fabric covered belt for extra service. Stk. No. B-100. 1 3/4 lbs. Each. \$1.49

Farmall F-20, 1938-39. V belt 48 3/8" I.D. Stk. No. B-19. 2 lbs. Each. \$1.29

IHC 10-20, 1923-32. 47" Flat Belt. Stk. No. B-14. 2 lbs. Each. 98c

IHC 15-30, 1921-28. 51 1/2" Flat Belt. Stk. No. B-15. 2 lbs. Each. \$1.39

IHC 22-36, 1929-35. V belt 55" I.D. Stk. No. B-16. 2 1/2 lbs. Each. \$1.69

Farmall "H," W-4, F-12, F-14. V belt 35 1/2" I.D. Stk. No. B-12. 2 lbs. Each. 75c

Farmall "H" Generator Belt Only. V belt 31" I.D. Stk. No. B-21. 1 1/2 lbs. Each. 75c

Farmall "M," W-6, Fan only. V belt 43 3/4" I.D. Stk. No. B-52. 2 lbs. Each. \$1.19

Farmall "M," W-6, Generator Belt. V 34" I.D. Stk. No. B-22. 1 1/2 lbs. Each. 85c

Farmall A and B, 1939-46. V belt 31" I.D. Stk. No. B-20. 1 1/2 lbs. Each. 75c

Farmall F-30, W-30, 1931-39. V belt 47" I.D. Stk. No. B-13. 2 lbs. Each. \$1.39

ALLIS-CHALMERS

B, C, RC without generator. V belt 30 3/8" I.D. Stk. No. B-44. 1 1/2 lbs. Each. 65c

B, C, RC with generator. V belt 34 3/4" I.D. Stk. No. B-45. 1 1/2 lbs. Each. 85c

W, WC, WF without generator. V belt 39 1/2" I.D. Stk. No. B-41. 2 lbs. Each. 85c

W, WC, WF with generator. V belt 43 1/2" I.D. Stk. No. B-42. 2 lbs. Each. 85c

20-35, E, K, 1927-30. Flat belt 50". Stk. No. B-43. 2 lbs. Each. \$1.19

FORD (Ferguson)

Ford 1939-41, "short" V belt for small generator. Repl. part 9N8620A, 40 3/4". Stk. No. B-37. 2 lbs. Each. 69c

Ford 1941-46, "long" V belt for large generator. Repl. part 9N8620B, 43" I.D. Stk. No. B-38. 2 lbs. Each. 85c

OLIVER

18-27, 18-28, 1930-37. V belt 41 1/8" I.D. Stk. No. B-81. 2 lbs. Each. 98c

"70" 1935-46 Fan belt. 35 1/2" I.D. V belt. Stk. No. B-12. 2 lbs. Each. 75c

"70" 1935-39 Generator belt. 28 1/2" I.D. V belt. Stk. No. B-86. 1 1/2 lbs. Each. 79c

"70" 1939-46 Fan and Generator Belt. 40 1/4" I.D. Stk. No. B-55. 2 lbs. Each. 95c

J. I. CASE

"C," "CC" 1929-32. Flat belt 43 1/4". Stk. No. B-53. 2 lbs. Each. \$1.29

"L" 1928-32. Flat belt 44" long. Stk. No. B-51. 2 lbs. Each. \$1.49

C, CC, D, DC, L, LA 1933-46. V belt 43 3/4" I.D. Stk. No. B-52. 2 lbs. Each. \$1.19

"S," "SC" 1940-46 without generator. V belt, 42 1/2". Stk. No. B-57. 2 lbs. Each. 98c

"S," "SC" 1940-46 with generator. V belt 45 1/4" I.D. Stk. No. B-56. 2 lbs. Each. 98c

"R," "RC" 1936-42. V belt 37 1/2" I.D. Stk. No. B-54. 2 lbs. Each. 95c

"V," "VC" "VAC" 1940-46 without generator. V-belt 37 1/2". Stk. No. B-54. 2 lbs. Each. 95c

"V," "VC" "VAC" 1940-46 with generator. V belt 40 1/4". Stk. No. B-55. 2 lbs. Each. 95c

MASSEY-HARRIS

20-30, K, OK, 1927-34. 47" Flat belt. Stk. No. B-14. 2 lbs. Each. 98c

Pacemaker, Challenger 1935-42. V belt 43 3/4" I.D. Stk. No. B-52. 2 lbs. Each. \$1.19

MINNEAPOLIS MOLINE

17-28, 12-20 Twin City. 33 1/2" Flat belt. Stk. No. B-61. 1 1/2 lbs. Each. \$1.19

"J," "JTS," "JTU" V belt 38" I.D. Stk. No. B-65. 1 1/2 lbs. Each. 89c

"Z," "ZTS," "ZTU" V belt 43" I.D. Stk. No. B-38. 2 lbs. Each. 85c



PRECISION

Precision Spark Plugs are All Heavy Duty Construction for the severe service demands of tractor, truck, or car. New flat wire electrodes give a faster spark. Top quality porcelain insulators will not short at any operating temperature. Center electrode is permanently sealed to prevent compression loss. Shells are fully machined and fit accurately.

TYPE	THREAD	HEAT RANGE	STK. NO.
1.	7/8 in.	Hot	SP-1
2.	7/8 in.	Cool for Hi-Comp.	SP-2
3.	18 MM.	Hot	SP-3
4.	18 MM.	Cool for Hi-Comp.	SP-4
5.	7/8 in.	Hot	SP-5
7.	14 MM.	Hot	SP-7
8.	14 MM.	Cool for Hi-Comp.	SP-8

EACH 39c

EACH in lots of 4 35c

EACH in lots of 10 33c

SPARK PLUGS

CHAMPION



Brand new Champion Plugs at money saving prices. Latest type porcelain and all the features that Champion advertises as "The Plug the Champions Use." We carry complete stocks and can service your tractor, car, or truck with the correct thread size and heat range to suit your fuel and type of operation. Right plug supplied if you state make and model.

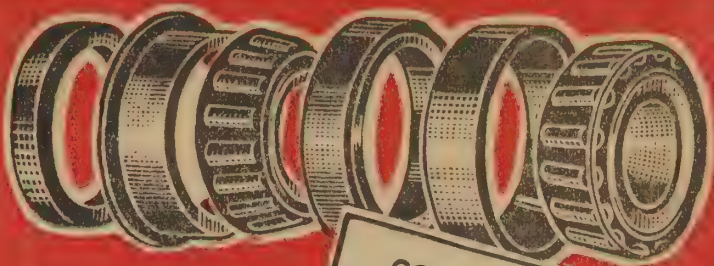
TYPE	THREAD	HEAT RANGE
2.	7/8 in.	Very cold—Gas, Hi-Comp.
2.	7/8 in.	Cold—Gasoline fuel
1.	7/8 in.	Hot—Average use
1.	7/8 in.	Hot—Extra long thread
4.	18 MM.	Cold—Gas fuel, severe service
3.	18 MM.	For normal service
8.	14 MM.	Cold—Gas fuel, severe service
8.	14 MM.	For normal service
7.	14 MM.	Hot—Normal service

CHAMPION NO.	STK. NO.
O-Com.	SP-20
1-Com.	SP-21
22	SP-22
2-Com. L	SP-23
H-17-A	SP-31
15-A	SP-33
J-9	SP-41
J-8	SP-42
J-4	SP-43

EACH 75c

EACH in lots of 4 69c

BRAND NEW GUARANTEED BEARINGS



SETS COMPLETE
WITH FELTS and
RETAINERS

COMPLETE
SETS AS
LOW AS
\$3.59

PRECISION BRAND Bearings are of the highest quality in every respect. And in passing exceptional savings on to you, we guarantee that quality of materials and excellence of workmanship have not been sacrificed in any way.

PRECISION BRAND Bearings are made of the finest bearing steel, carefully selected to established specifications for withstanding the strenuous conditions of farm service.

PRECISION BRAND Bearings are machined to the rigid S.A.E. bearing standards—exact to the fractional thousandths—and are fully interchangeable with the same bearing number of other reputable manufacturers.

FRONT WHEEL BEARINGS

FITS TRACTOR & MODEL	INNER BEARING CONE		CUP		OUTER BEARING CONE		CUP		COMPLETE SET for EITHER FRONT WHEEL SET INCLUDES 2 Cups, 2 Cones			
	Bearing	Ea. Bearing	Bearing	Ea. Bearing	Bearing	Ea. Bearing	Bearing	Ea. Bearing	Stk. No.	Wt. Lbs.	Set	
IHC Farmall F-12, F-14	2788	\$2.35	2720	\$1.49	1779	\$1.55	1729	\$.98	with felt washer	BS-104	2	\$5.75
IHC Farmall Reg. & F-20, 1927-39	447	3.95	432	2.15	3379	2.95	3320	1.65	with 3-pc. grease retainer	BS-102	5	8.95
IHC Farmall F-30, W-30	438	3.75	432	2.15	3379	2.95	3320	1.65	with 3-pc. grease retainer	BS-107	5	9.25
IHC Farmall "H" 1939-48	14138	1.69	14274	.65	1779	1.55	1729	.98	with felt washer	BS-108	2	5.19
IHC Farmall "M" 1939-48	342-S	2.59	332	1.15	2878	1.85	2820	1.25	with felt washer	BS-109	3	6.65
IHC McCormick-Deering 10-20, 1927-35	447	3.95	432	2.15	3379	2.95	3320	1.65	with 3-pc. grease retainer	BS-102	5	8.95
IHC McCormick-Deer. 15-30, 22-36, '27-35	5358	6.25	5320	3.45	447	3.95	432	2.15	with 3-pc. grease retainer	BS-103	8	13.85
DEERE A. D. GP. G (all except 1929)	3383	2.95	3320	1.65	2785	2.45	2720	1.49	with 2-pc. grease retainer	BS-104	4	7.45
DEERE, D. GP (1929 models only)	342	2.59	3320	1.65	14131	1.75	14274	.65	with 2-pc. grease retainer	BS-505	3	6.25
DEERE B. 1935-48	2788	2.35	2720	1.49	15118	1.75	15250	1.10	with 2-pc. grease retainer	BS-606	3	5.75
ALLIS CHALMERS WC, RC	2788	2.35	2720	1.49	15118	1.75	15250	1.10	with 3-pc. grease retainer	BS-377	3	5.25
ALLIS CHALMERS B	15118	1.75	15250	1.10	09074	1.10	09196	.45	for either wheel	BS-378	2	3.95
CASE C. CC, DC, 1929-48, L 1929-30	358	2.79	354	1.65	14125	1.75	14274	.65	with felt washer	BS-1188	3	5.95
CASE L. LA. 1931-47	3776	3.65	3720	1.85	2580	2.25	2523	1.15	with felt washer	BS-1499	4	8.25
CASE S, SC	02877	1.95	02820	.95	14125	1.75	14274	.65	for either wheel	BS-1466	3	4.85
CASE R, RC	14125	1.75	14274	.65	14125	1.75	14274	.65	with felt washer	BS-1477	2	4.10
OLIVER 70, 1935-36	2788	2.35	2720	1.49	15118	1.75	15250	1.10	with felt washer	BS-606	3	5.75
OLIVER 70, 1937 and up	26882	2.35	26820	1.65	2879	1.98	2820	1.25	with felt washer	BS-763	3	6.65
OLIVER 18-28, 80 Row Crop	3578	3.35	3525	1.59	3193	2.65	3120	1.45	with felt washer	BS-762	4	8.45
OLIVER 28-44, 90, 99	529X	4.59	522	2.95	2786	2.45	2720	1.49	with felt washer	BS-761	5	10.35
FORD, Ford-Ferguson 1939-47	15118	1.75	15250	1.10	09074	1.10	09194	.45	for either wheel	BS-399	2	3.59

COMPLETE BEARING STOCKS

We carry complete stocks of replacement bearings for all makes and models of tractors.

If the particular bearing you need is not listed on this page, Order by Make, Model and Year of tractor you own, with the application of bearing you need.

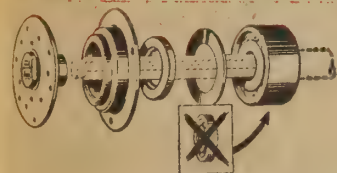
All orders are filled by accredited PARTS SPECIALISTS to assure your complete satisfaction.

ALL BEARINGS ARE BRAND NEW AND GUARANTEED

IMPROVED COUNTERSHAFT BEARING

KITS for IHC

Farmall, Reg. & F-20



**GUARANTEED
FOR THE LIFE
OF YOUR TRACTOR**

DOUBLE ROW BALL BEARING ASSEMBLY COMPLETE WITH HOUSING & BRAKE HUB

If the countershaft and brake assembly of your IHC Farmall Reg. or F-20 is in need of repair, plan to install this Improved Package Kit that is **GUARANTEED** to eliminate further trouble for the life of your tractor.

The single row bearing (IHC-12798H) wears down fast due to high speed operations, overloads, etc. This causes rapid deterioration throughout the entire countershaft assembly.

Diagram at left shows the parts and how they fit on the countershaft and the replacement of SINGLE ROW BEARING with IMPROVED DOUBLE ROW BEARING.

COMPLETE BEARING KIT ASSEMBLY for 1 Side Includes: Double Row Ball Bearing, bearing cap housing, spacer, spined brake drum hub, and rivets for attaching brake drum.

Stk. No. BS-407. Ship. wt. 14 lbs. **Kit \$13.95**

ORDER A PAIR TO SERVICE BOTH SIDES Pair \$25.95

REAR WHEEL BEARINGS

IHC Farmall Reg. & F-20 1924-39

COMPLETE BEARING SET for either rear wheel. Includes roller assembly and race, double row ball bearing, felt washer.

Set No. BS-112—Ship. wt. 9 lbs. **Set \$15.95**

Double Row Rear Axle Ball Bearing. 5104. **Ea. \$11.95**

Rear Axle Roller Assembly. RA-3200. \$2.65 Outer Race. OR-3200. \$3.25

IHC Farmall F-12 & F-14 1934-39

Rear Axle Inner Ball Bearing, 1213. \$5.95 Outer Ball Bearing, 1214. \$6.65

IHC Farmall F-30, 1931-39

Rear Axle Large Ball Brg., 1218. \$11.50 Small Ball Brg., 1311. \$6.95

IHC Farmall "H" 1939-48

Rear Inner Ball Bearing, 1212. \$4.95 Outer Ball Bearing, 7213. \$7.25

IHC Farmall "M" 1939-48

Rear Axle Inner Ball Brg., 1214. \$6.65 Outer Ball Brg., 7214. \$7.95

IHC McCormick-Deering 10-20 1927-35

Rear Wheel Brg. (2 used ea. wheel) Cone, 566. \$6.25 Cup, 563. \$4.35

IHC McCormick-Deering 15-30, 22-36, 1927-35

Rear Wheel Brg. (2 used ea. wheel) Cone, 598. \$7.95 Cup, 592A. \$6.50

JOHN DEERE Model "D" 1925-35

Rear Wheel Brg. (2 used ea. wheel) Cone, 575. \$7.75 Cup, 572. \$4.79

JOHN DEERE Model "A" 1940-48

Rear Wheel Brg. (2 used ea. wheel) Cone, 482. \$4.35 Cup, 472A. \$3.45

JOHN DEERE Model "B" 1939-48

Rear Wheel Inner Bearing Cone, 29582. \$3.95 Cup, 29520. \$2.75

Rear Wheel Outer Bearing Cone, 29585. \$3.95 Cup, 29520. 2.75

J. I. CASE C, CC, D, DC

Rear Wheel Bearing (2 used ea. wheel) Cone 567. \$6.25 Cup 563. \$4.35

J. I. CASE L, LA

Rear Wheel Outer Bearing Cone 575. \$7.75 Cup 572. \$4.79

Rear Wheel Inner Bearing Cone 580. \$7.75 Cup 572. \$4.79

ALLIS CHALMERS, WC

Rear Wheel Inner Bearing Cone 3982. \$3.79 Cup 3920. \$2.85

Rear Wheel Outer Bearing 1934-37 Cone 3383. \$2.95 Cup 3320. \$1.65

Rear Wheel Outer Bearing 1938-47 Cone 26882. \$2.35 Cup 26820. \$1.65

ALLIS CHALMERS RC

Rear Wheel Inner Bearing Cone 395. \$3.19 Cup 394AS. \$2.49

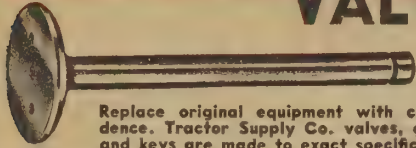
Rear Wheel Outer Bearing Cone 26882. \$2.35 Cup 26820. \$1.65

OUR BUSINESS IS BUILT BY SATISFIED CUSTOMERS

Page 11A

Precision PARTS for ALL TRACTORS

VALVES—GUIDES—SPRINGS



Replace original equipment with complete confidence. Tractor Supply Co. valves, guides, springs and keys are made to exact specifications by well

known motor parts makers. Valves are forged from long-wearing, heat-resistant high alloy Silichrome steel guaranteed to deliver maximum motor efficiency at the extreme temperatures developed by normal tractor operating conditions. Strong, one-piece construction, recommended by engineers, prevents warping and

breaks. Valve guides of nickel alloy cast iron for long, dependable service. Valve springs made from tempered spring steel to withstand oscillation and heat. Keys are equal to original equipment. Be sure to order correct parts to fit your tractor.

IHC Farmall Reg. & F-20
Exh. valve...SV4...1.45
Int. valve...V-8...95
Guide, reg...V101...32
Guide, short...V102...35
Spring...V207...19
Key, pr...V308...15
Seat insert...V507...25
SET, 8 valves, guides, springs, keys...10.65

Farmall F12, F14, W12
Exh. valve...SV9...1.25
Int. valve...V-9...85
Guide...V109...25
Spring...V209...17
Key, pr...V309...15
SET, 8 valves, guides, springs, keys...9.15

Farmall F-30, W-30
Exh. valve...SV11...1.60
Int. valve...V-10...1.05
Guide...V110...38
Spring...V210...21
Key (pr.)...V304...19
SET, 8 valves, guides, springs, keys...11.95

IHC 10-20, 1923-32
Exh. valve...SV3...1.60
Int. valve...V-1...1.05
Guide...V101...32
Spring...V201...21
Key (pr.)...V301...15
SET, 8 valves, guides, springs, keys...11.45

IHC 15-30, 1921-28
Exh. valve...SV1...1.75
Int. valve...V-4...1.19
Guide...V103...47
Spring...V203...23
Key (pr.)...V304...19
Seat insert...V503...29
SET, 8 valves, guides, springs, keys...13.25

IHC 22-36, 1929-35
Exh. valve...SV2...1.75
Int. valve...V-6...1.19
Guide...V103...47
Spring...V203...23
Key (pr.)...V304...19
Seat insert...V503...29
SET, 8 valves, guides, springs, keys...13.25

Farmall H, W4, 1939-42
Exh. valve...SV61...1.35
Int. valve...V-62...95
Guide...V161...29
Spring...V209...17

Farmall M, W6, 1939-42
Exh. valve...SV63...1.55
Int. valve...V-64...98
Guide...V163...29
Spring...V207...19

Deere A, 1934-39
Exh. valve...V45...1.25
Int. valve...V44...95
Guide...V144...35
Spring...V244...23
SET, 4 valves, guides, and springs...5.95

Deere A, 1940-46
Exh. valve...SV65...1.75
Int. valve...V66...1.35
Guide...V165...39
Spring...V244...23
SET, 4 valves, guides, and springs...6.95

Deere B, 1935-41
Exh. valve...V43...95
Int. valve...V42...85
Guide...V142...35
Spring...V242...19
SET, 4 valves, guides, and springs...5.45

Deere D, 1925-31
Exh. valve...V47...1.65
Int. valve...V47...1.65
Guide...V147...42
Spring...V247...29
Key...V347...19
SET, 4 valves, guides, springs, keys...8.50

Deere G, 1938-46
Exh. valve...SV67...1.98
Int. valve...V68...1.55
Guide...V167...39

Deere H, 1939-46
Exh. valve...SV69...85
Int. valve...V70...55
Guide...V169...29

Case C, CC, DC
Exh. valve...SV28...1.35
Int. valve...V28...98
Guide...V128...32
Spring...V228...19
Key (pr.)...V328...15
SET, 8 valves, guides, springs, keys...11.75

Case L, LA, 1928-46
Exh. valve...SV29...1.60
Int. valve...V29...1.10
Guide...V129...39
Spring...V229...25
Key (pr.)...V329...15
SET, 8 valves, guides, springs, keys...13.50

Case R, RC—Combines
Valve...SV52...1.05
Guide...V152...29

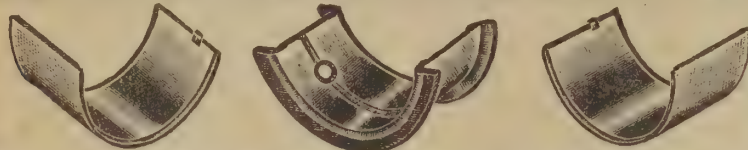
Case S, SC
Exh. valve...SV53...1.05
Int. valve...V54...95
Guide...V153...29

Case V, VC, VAC
Exh. valve...SV55...1.05
Int. valve...V56...85
Guide...V155...25

For Ford 1939-46
Exh. valve...SV57...69
Int. valve...V58...59
Guide...V157...29
Spring...V257...15
SET, 8 valves, guides, springs, keys...8.25

A-C "WC" 1934-39
Exh. valve...SV16...1.25
Int. valve...V15...89
Guide, exh...V116...29
Guide, int...V115...29
Spring...V215...15
Key (pr.)...V315...15
SET, 8 valves, guides, springs, keys...10.95

A-C "WC" 1940 up
Exh. valve...SV50...1.25
Int. valve...V51...89
Guide, exh...V116...29
Guide, int...V115...29
Spring...V250...19
Key (pr.)...V350...15
SET, 8 valves, guides, springs, keys...10.95



ROD and MAIN BEARINGS

Bearing For Application	Standard No. Each	.002 Under No. Each	Bearing For Application	Standard No. Each	.002 Under No. Each	Bearing For Application	Standard No. Each	.002 Under No. Each	Bearing For Application	Standard No. Each	.002 Under No. Each
IHC Farmall Reg. & F-20			IHC F-12 (after No. FS41590) F-14			Allis Chalmers WC, WF			Ford-Ferguson 1939-46		
Conn. Rod...K-101...3.25			Conn. Rod...K-109...79	K-109X...95		Rod 1934-35...K-416...1.09			Conn. Rod...K-301...75	K-301X...90	
Front Main...1313...9.95			Front Cntr...K-112...1.25	K-112X...1.45		Rod 1936-46...K-417...1.09	K-417X...1.20		Ft., rear main...K-302...90	K-302X...95	
Rr. Main (Ball)...1315...14.95			Main...K-121...2.45	K-111X...2.65		Front Main...K-418...2.35	K-418X...2.75		Center main...K-303...1.75	K-303X...1.95	
			Rear Main...K-121...2.45	K-111X...2.65		Cent., Rear...K-419...1.85	K-419X...2.25				
						Main...K-421...1.95					
IHC 10-20, F-30, W-30			IHC Farmall A, B			Allis Chalmers B, C, RC			Case R, RC, Combines C, K		
Conn. Rod...K-103...3.95			Conn. Rod...K-109...79	K-109X...95		Conn. Rod...K-420...1.19			Conn. Rod...K-523...1.10	K-523X...1.25	
Front Main (Ball)...1314...12.50			Front Cntr...K-120...1.25			Front Main...K-421...1.85	K-420X...1.35		Front Main...K-524...1.95		
Rear Main (Ball)...1316...17.50			Main...K-121...2.35			Cent., Rear...K-422...1.95			Center Main...K-525...2.45		
			Rear Main...K-121...2.35			Main...K-422...1.95			Rear Main...K-526...1.95		
IHC 15-30, 22-36			IHC Farmall H, W-4			Oliver 70, 6 Cyl.			Case S, SC		
Conn. Rod...K-107...4.50			Conn. Rod...K-113...1.55	K-113X...1.75		Rods 1-3-5...K-837...89	K-837X...98		Conn. Rod...K-530...1.35	K-530X...1.50	
Front Main...1315...14.95			Front, Rear...K-114...1.25	K-114X...1.55		Rods 2-4-6...K-838...89	K-838X...98				
Rr. Main (Ball)...1318...29.95			Main...K-115...3.20	K-115X...3.45		Front Main...K-839...2.79			Case C, CC, D, DC		
			Center Main...K-115...3.20	K-115X...3.45		In/med Mains...K-840...1.69			Front Main...K-520...2.95		
						Rear Main...K-841...2.85			Center Main...K-521...3.25		
IHC F-12 (to FS41590)			IHC Farmall M W-6			Minn. Moline "R", "Z"			Rear Main...K-522...3.25		
Conn. Rod...K-108...79	K-108X...95		Conn. Rod...K-116...1.75	K-116X...1.95		Conn. Rod...K-625...98			Deere D, 1925-35		
Ft., Cntr. main...K-110...1.15			Front, Rear...K-117...1.55	K-117X...1.75		Conn. Rod...K-626...95			Rod 1925-31...K-209...3.95		
Rear main...K-111...2.45	K-111X...2.65		Main...K-118...3.15	K-118X...3.35					Rod 1931-35...K-210...3.95		
									Ft., rear main...K-214...6.50		
									Deere "A" 1935-46		
									Ft., rear main...K-216...4.95	K-216X...5.50	

GASKETS



Tractor Supply Co.'s cylinder head gaskets are made of the finest heat-resistant materials. Heavy duty—guaranteed long lasting. All are perfect fits—equal to or better than original installations. Everything you need—easy to install.

HEAD GASKETS ONLY

Fits Make & Model	Stk. No.	Each
IHC Farmall Reg. & F-20	GH-11	98
IHC F-30, W-30	GH-13	1.19
IHC 10-20	GH-14	1.19
IHC 15-30, 1921-26	GH-15	1.65
IHC 15-30 1927-28	GH-16	1.65
IHC 22-36, 1929-31	GH-17	1.65
IHC 22-36, 1932-35	GH-18	1.65
IHC F-12, F-14, W-12	GH-19	98
IHC Farmall H, W-4	GH-9	1.19
IHC Farmall M, W-6	GH-10	1.29
IHC Farmall A, B	GH-8	98
Deere D	GH-21	1.19
Deere A, 1934-39	GH-24	98
Deere A, 1940-46	GH-25	98
Deere B, 1934-38	GH-26	98
Deere B, 1939-42	GH-27	98
Deere B, 1943-46	GH-28	98
Deere G, all	GH-22	1.19
Deere H, all	GH-29	75

Fits Make & Model	Stk. No.	Each
Allis Chalmers B, C, RC	GH-45	85
Allis Chalmers 20-35	GH-41	2.98
A-C "WC" 1933-39	GH-42	1.25
A-C "WC" 1940-46	GH-43	1.25
Ford-Ferguson	GH-31	83
M-M Twin City, 17-28	GH-42	1.39
Massey Harris 20-30	GH-77	1.19
Mass. Harris Chall. & Pacemaker	GH-76	1.39
Oliver "70"	GH-81	1.29
Oliver 18-28, 80	GH-82	1.59
Oliver 28-44, 90	GH-83	1.49
Case C, CC, D, DC	GH-53	1.25
Case L, LA	GH-54	1.35
Case R, RC	GH-56	95
Case S, SC	GH-57	98

MOTOR GASKET SETS

Gasket Sets are complete—all the gaskets you need for a complete overhaul. Each gasket specifically designed for maximum wear and perfect fit... improve tractor performance.	
You pay considerably more elsewhere	
IHC Farmall Regular & F-20 12 pcs. GS-11	1.98
IHC Farmall F-30, W-30 8 pcs. GS-13	1.95
IHC 10-20 10 pcs. GS-14	1.95
IHC 15-30, 1927-28 12 pcs. GS-16	2.65
IHC 22-36, 1929-31 12 pcs. GS-17	2.65
IHC Farmall F-12, F-14 8 pcs. GS-19	1.59
IHC Farmall "H", W-4 6 pcs. GS-9	1.85

For the same quality motor gasket sets listed below. Only the best heat-resistant, long wearing materials used. Fit exactly like original equipment. Order correct set to fit your tractor. Compare prices before you buy.	
IHC Farmall "M", W-6 6 pcs. GS-10	1.85
Deere D, 1925-31 12 pcs. GS-21	2.19
Allis Chalmers WC, 1933-39 19 pcs. GS-42	2.35
Allis Chalmers WC, 1940-46 19 pcs. GS-43	2.35
Ford-Ferguson 1939-46 11 pcs. GS-31	1.19
Case C, CC, D, DC 10 pcs. GS-55	2.39
Case L, LA 16 pcs. GS-54	2.19

WE CARRY COMPLETE STOCKS... VALVES... BEARINGS... GASKETS

If you do not find the part you need listed on this page, Order by Make, Model, Year of your Tractor, and the name and application of the part.

Precision PARTS for ALL TRACTORS

CLUTCH SHAFT for IHC Reg. and F-20



Fits all 1926-39 Regulars and F-20's with single disc clutch. Does not fit old Regulars with multiple disc clutch as used before Ser. No. T-39405. Replaces IHC 14738DA. Splines cut to fit clutch disc, bearing surfaces ground. **\$535**

CLUTCH BEARING fits rear of shaft. Stk. No. 1308—2 lbs. Ea. \$3.75
PILOT BEARING fits front of shaft. Stk. No. 7205—1/2 lb. Ea. \$1.75
THRUST BEARING for same shaft. Stk. No. CT-34—1 1/2 lbs. Ea. \$4.95

CLUTCH and TRANSMISSION COUPLINGS

for FARMALL Regular and F-20

Precision machined for balance, splines cut to fit onto respective shafts. Use with coupling ring, washers, and bolts listed below.

CLUTCH SHAFT JOINT—fits onto rear end of clutch shaft, replaces IHC 15023D. Pictured at top. Stk. No. 9A72, 2 lbs. Each **\$2.45**

TRANSMISSION SHAFT JOINT—fits onto front end of transmission shaft, replaces IHC 15105DA. Stk. No. 9A73, 2 1/2 lbs. Each **\$2.75**

CLUTCH PARTS Reg. F-12, F-14, F-20

JOINT RING couples clutch joint and transmission joint. Repl. IHC 6160H. Stk. No. 9A86. Ea. 50c
JOINT SCREWS with nuts. 4 used in clutch joint. Repl. IHC 1539DX. Stk. No. 9A89. Ea. 25c
RUBBER WASHERS 8 used in clutch with retainers. Repl. IHC 6161H. Stk. No. 9A87. Ea. 3c
RETAINERS 8 used in clutch joint with washers. Repl. IHC 7579T. Stk. No. 9A88. Ea. 4c

LINED CLUTCH PLATES

Complete clutch discs with splined center to fit on clutch shaft. Each with facings riveted. Ready to install.

LINED CLUTCH PLATE for Reg. & F-20 1926-39. Fits all Regulars and F-20's after T-39405 with single plate clutch. W-91—6 lbs. Each **\$6.45**

LINED CLUTCH PLATE for F-12, F-14, "A", "B". Complete plate with new faces riveted. Stk. No. W-93—4 lbs. Each **\$5.95**

LINED CLUTCH PLATE for Farmall H, 1939-48. Complete plate with new faces riveted. Repl. IHC 64772D. Stk. No. W-94—6 lbs. Each **\$5.95**

LINED CLUTCH PLATE for Farmall M, 1939-48. Complete with new faces riveted. Repl. IHC 52848D. Stk. No. W-92—7 lbs. Each **\$6.95**

LINED CLUTCH PLATE

Multiple Disc Clutch for 10-20 and Farmall Regular Fits Farmall Regular below ser. no. T-39404, and 10-20 below ser. no. KC-112150. 4 used in each clutch. Heavy steel plate with reinforcing rings in holes. Replaces IHC 10654DX. Stk. No. 9A61, 2 1/2 lbs. Each **\$2.45**

Clutch Grease Tubes

Oil resisting synthetic rubber, reinforced, complete with fittings ready to attach in clutch.

For Farmall Regular, All F-20, and 10-20, up to ser. no. KC-124800. Replaces IHC part 14751DX. Stk. No. 9A91, 8 oz. Each **49c**

For 15-30, older models with multiple disc clutch up to TG79197. Replaces IHC part 673DBX. Stk. No. 9A92, 10 oz. Each **59c**

For late 15-30, All 22-36, and 10-20 after KC-124800. Replaces IHC part 11844DV. Stk. No. 9A93, 9 oz. Each **65c**

PULORATOR BASE for IHC

For FARMALL Regular, F-20, F-30, W-30 and 10-20. Each complete with stud adapter, brass check valve and pipe plug. Replaces IHC No. 13730-DBX. Stk. No. 13A74. Wt. 3 lbs. Each **\$4.75**

OIL GAUGE COCK for IHC

Used on All IHC tractors, 2 on each machine. 3/8" pipe thread, repl. IHC part 1998TB. Firm seat, complete as pictured. Stk. No. C-140, 6 oz. EACH **39c**

OIL GAUGES for IHC

Dependable, Accurate, Dash Mounting Oil Pressure Gauges for Popular IHC and other tractors.

For Farmall Regular 1924-30; All 10-20, All 15-30. Repl. IHC 16924H. Stk. No. 8A17, 1 lb. Each **1.19**

For Farmall F-20 and F-30, 1930-39. Stk. No. 8A20, 1 lb. \$1.35

For F-12, F-14, W-12, 1934-39. Stk. No. 8A18, 1 lb. \$1.35

For H and M, 1940-46. Stk. No. 8A19, 1 lb. \$1.65

OIL PUMP GEARS

For FARMALL Regular, F-20, F-30, 10-20

Worn oil pump gears mean low oil pressure and poor lubrication. Replace them today before you have trouble. Fully machined, high pressure teeth. Replace IHC 10336D and 10344D. List price is \$4.65. **\$235**

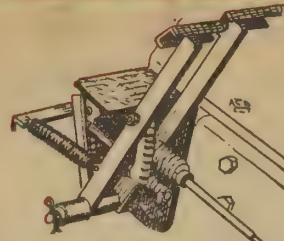
Stk. No. T-163, 12 oz. PER PAIR

STARTING CRANK for IHC

For FARMALL REG., F-12, F-14, F-120, 10-20. Stk. No. 8A52—5 lbs. Ea. **\$1.60**

For FARMALL H & M, W-4, W-6, 1939-47. Stk. No. 8A53—5 lbs. Ea. **\$1.60**

FOOT BRAKES for FARMALL REGULAR F-20 and F-30

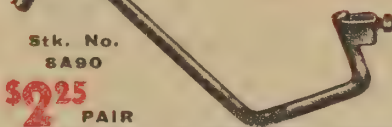


Enjoy the benefits of having pedal action brakes, as on late model tractors. Pedals work individually for turning, or together for fast uniform stops. Indispensable in highway travel if you have speed up gear. Brakes lock to hold tractor on hill when parked. Does not interfere with mounted implements.

Ruggedly built of iron and steel. Will outlast tractor without extra servicing. Each set complete, ready to bolt to tractor.

For all IHC Farmall Reg. & F-20—Stk. No. 8A91—23 lbs. Set **\$12.95**
For all IHC Farmall F-30. Stk. No. 8A92—25 lbs. Set **\$14.95**

FOOT PEDAL ATTACHMENTS for COUNTERSHAFT BRAKES



Stk. No. 8A90

\$2.25 PAIR

For FARMALL Reg. 1924-1932, F-20, 1932-1938, & F-30, 1931-38.

Easy to install—new lever rods clamp directly onto the countershaft brake shaft. Brake system works as before.

BRAKE CABLES for Farmall Regular, F-20, F-30



Countershaft Brake Cables complete less shackle. For Farmall Reg. F-20. Repl. 15206DB. Stk. No. 9A94

Each \$1.35 Pair \$2.50

For Farmall F-30. Repl. 19832DX. Stk. No. 9A95

Each \$1.45 Pair \$2.75

BRAKE LINING SETS



Easy for you to reline your own brakes with these heavy duty linings—cut to fit holes drilled and countersunk, furnished complete with rivets.

For Farmall Reg.; F20, F12, F14, 1924-39. Complete set for both wheels. Stk. No. 8A60. Wt. 3 lbs. per set. **\$1.29**

FARMALL F-30, (1931-39). Set of 4 pcs. Stk. No. 8A45—3 lbs. Set **\$1.65**

DEERE "A" Set of 4 pcs. Replaces A441. Stk. No. 5A33—2 lbs. Set **\$1.50**

DEERE "B" Set of 4 pcs. Replaces B223. Stk. No. 5A34—2 lbs. Set **\$1.25**

ALLIS-CHAL. WC 4 pcs. Repl. U2638, U2639, 7A21—1 lb. Set **\$2.45**

BRAKE SHOES AND BANDS

For FARMALL F-20, F-12, F-14. Lined shoe with heavy duty band installed, ready for use.

Lined Inner Shoe. Replaces 1534DAX. Stk. No. 8A47—Ship. wt. 3 lbs. Ea. **\$1.85**

Outer Shoe. Replaces 1535DAX. Stk. No. 8A48—Ship. wt. 3 lbs. Ea. **\$1.85**

Set of 4 Shoes for FARMALL Reg. & F-20. Complete set for both wheels. Stk. No. 8A478. Set **\$6.75**

LINED BRAKE BANDS

For IHC Farmall "H," 1940-47, repl. 58344DAX. Two used per tractor. Stk. No. 8A50, 2 1/2 lbs. EACH. **\$1.95**

For IHC Farmall "M," 1940-47, repl. 58345DAX. Two used per tractor. Stk. No. 8A49, 3 lbs. EACH. **\$2.39**

For FORD-Ferguson, 1939-45, repl. 9N-2019. Four used per tractor. Stk. No. 7A43, 3 lbs. EACH. **\$2.95**

For Allis-Chalmers WC and RC, 1935-47, repl. U-2633. Two used per tractor. Stk. No. 7A41, 3 lbs. EACH. **\$2.95**

For Allis-Chalmers B and C, 1939-47, repl. 216775. Two used per tractor. Stk. No. 7A42, 2 1/2 lbs. EACH. **\$2.25**

BRAKE PAWL LOCK LIFT



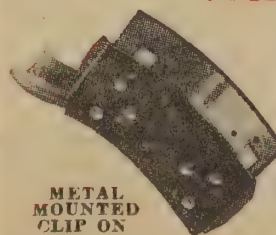
For IHC "H" & "M". Locks and releases brakes with the foot. Eliminates bending and reaching to lift brake pedal. Press to set brakes. "Lock Lift" releases brakes with heel. Easy to install—no holes to drill or welding. Slides on brake pedal pawl No. 4920BD. Stk. No. 8A89—Ship. wt. 1/2 lb. Each **19c**

BRAKE CAM for IHC "I" and "M"



One used on each brake, right and left. Repl. IHC 58348D, 58349D. Stk. No. 8A42—Wt. 1 lb. Pair **\$1.89**

PULLEY BRAKE LINING for Deere



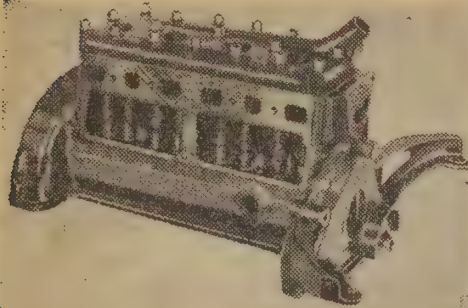
METAL MOUNTED. John Deere owners, here is what you have been waiting for! Replacement pulley brake lining unit mounted on slip-on metal shoe that can be installed in a few seconds. Woven lining correct size; 2 1/4 x 3 x 16 in. Fits DEERE "A", "B", "G" and "D" from serial No. 109944 up. Stk. No. 5A30. Each **65c**

HEAVY WOVEN LINING for DEERE & Gen. Purpose. For "D" to 1931. Repl. D385. Stk. No. 5A31—Ship wt. 1/4 lb. Ea. **15c**

For "D" 1931-41. Repl. D1932. Stk. No. 5A32—Ship wt. 1/4 lb. Ea. **15c**

Precision PARTS for ALL TRACTORS

BRAND NEW FORD Tractor MOTORS



Is your hard working Ford Tractor Motor losing its pep and power—burning costly extra gas and oil?

Before you go to the expense of an engine overhaul, write to us for full information concerning our exchange plan for a BRAND NEW FORD TRACTOR MOTOR. (Fits all Tractors 1939-1948). You'll be surprised how little a New Motor will cost you.

Write to your nearest TRACTOR SUPPLY CO. Branch.

PARTS for FORD TRACTORS



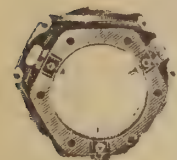
DISTRIBUTOR Assembly (Less Coil). Fits 1939-46 models repl. part 9N-12100. Stk. No. 16A19. Outright, \$19.75—Allowance \$5.00
NET COST ON EXCHANGE BASIS..... \$14.95



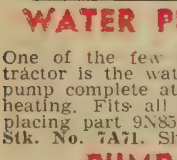
COIL Assembly, 1939-46. Repl. part 9N-12024. Stk. No. 16A18—Outright..... **\$5.50**



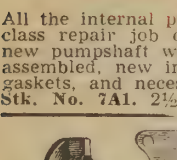
POINT SET Only for Ford dist. Stk.-No. 16A2, 4 oz..... **55c**



STARTER Motor & Drive, 1939-46 (REBUILT). Stk. No. M-470. Outright, \$17.50—Allowance \$7.00
NET COST ON EXCHANGE BASIS..... \$10.50



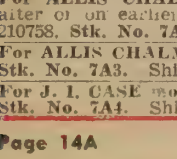
GENERATOR. Fits all 1939-47. Factory Rebuilt. Stk. No. M-401. Outright \$16.95—Trade-In \$7.00
YOUR NET COST ON EXCHANGE..... \$9.95



Generator Cutout. Stk. No. 16A1.....98c
Precision Spark Plug, Stk. No. SP-7—Set of 4, \$1.40
Champion Spark Plugs, Stk. No. SP-42—Set of 4, \$2.76
Spark Plug Wire Set, Stk. No. W-131—Set of 4, 85c



CLUTCH DISC assembly with linings. Brand new and complete. Repl. Ford 9LA7550. Stk. No. W-95—Ship. wt. 5 lbs..... **\$3.65**



CLUTCH PRESSURE PLATE Assy. Repl. Ford 9A-7563. Stk. No. 16A12. Outright, \$9.95—Allowance, \$4.00
NET COST ON EXCHANGE BASIS..... \$5.95



CARBURETOR. Brand New Schebler for 1939-46 Fords. Stk. No. C-650. Outright, \$11.95—Allowance \$2.00
NET COST ON EXCHANGE BASIS..... \$9.95

WATER PUMP FOR FORD

One of the few trouble spots on the Ford tractor is the water pump. Replace your old pump complete at first signs of tractor overheating. Fits all Ford tractors, 1939-46, replacing part 9N8501. Stk. No. 7A71. Ship. wt. 7 lbs..... **\$7.95**

PUMP REPAIR KIT

All the internal parts you need to do a first class repair job on your old water pump—new pumpshaft with New Departure bearing assembled, new impeller with aqua-tite seal, gaskets, and necessary small parts. Stk. No. 7A1. 2 1/2 lbs..... **\$3.45**



WATER PUMP REPAIR KITS

Each Kit contains a new pump shaft with New Departure bearing assembled, a new impeller with aqua-tite seal, gaskets, and miscellaneous small parts necessary to do a first class job of rebuilding your worn and leaky pump to first class condition.

For ALLIS CHALMERS WC, with late type pump as used 1941 or later or on earlier models with field change. For A-C pump 210758. Stk. No. 7A2. Ship. wt. 3 lbs..... **\$5.50**

For ALLIS CHALMERS B. RC, 1938-42 with pump No. 207504. Stk. No. 7A3. Ship. wt. 2 1/2 lbs..... **\$5.50**

For J. I. CASE models B and SC with Case pump No. 2540-AA. Stk. No. 7A4. Ship. wt. 2 1/2 lbs..... **\$6.50**

Precision PISTON RINGS

Choice of ONE PIECE Original Equipment Type, or SEGMENT Rings for Control of Bad Oil Pumpers



One Piece Rings are factory duplicate type, recommended where wall taper is less than .010".

Precision Segment Rings are high tension type, with steel segment oil consumption in severe cases of wear and taper.

Packed in Complete Sets to service whole motor.

RINGS TO FIT ALL MODELS

Make and Model

Cyl. Rings Dia. Set

Steel Segment Rings Per Set

1-piece Rings Orig. Equip. Type Per Set

ALLIS CHALMERS

B, 1938-41; also Power Unit B-15	3 1/4"	12	R-171	\$3.65	R-71	\$1.85
C, RC, 1940-47	3 3/8"	16	R-170	3.65	R-70	2.25
WC, W, WF, W-25, 1934-47	4"	16	R-172	4.25	R-72	2.95
20-35, E, K, 1919-46	4 3/4"	16	R-180	4.95	R-80	3.75

J. I. CASE

V, VC (Continental) 1939-42	3"	16	R-173	3.95	R-73	2.25
R, RC (Waukesha) combines C, K	3 1/4"	12	R-171	3.65	R-71	1.85
S, SC, 1940-47	3 1/2"	16	R-154	3.95	R-54	2.25
D, DC 1939-44; C, CC, 4 ring	3 7/8"	16	R-185	3.95	R-85	2.65
C, CC 1929-39; combine P	3 7/8"	12	R-183	3.65	R-83	1.85
L, LA, 26-40, 1929-41	4 5/8"	16	R-184	4.95	R-84	3.75

JOHN DEERE

B, BN, 1934-39	4 1/4"	8	x	x	R-68**	1.45
B, BN, BW, 1939-44	4 1/2"	8	x	x	R-69**	1.75
A, AR, AN, AW, 1934-42	5 1/2"	10	x	x	R-67**	2.25
GENERAL PURPOSE, 1929-31	5 3/4"	10	x	x	R-63**	2.75
D, after Serial No. 53388	6 3/4"	10	x	x	R-66**	3.85

FORD

NEW FORD (Ferguson), 1940-47	3 1/4"	12	R-156	3.56	R-56	2.19
FORDSON, old style	4"	12	x	x	R-61**	1.95

IHC McCormick DEERING

F-12, F-14, W-12, 1936-39 after Serial No. F580064	3"	20	R-175	4.65	R-75	2.85
F-12, W-12, 1933-36	3 1/4"	20	R-174	4.65	R-74	2.85
Farmall A, AV, B, 1940-44	3"	16	R-173	3.95	R-73	2.25
Farmall "H", W-4, Combine 122	3 3/8"	16	R-193	3.95	R-93	2.65
FARMALL Reg. and F-20; T-20	3 3/4"	16	R-176	3.95	R-76	2.65
FARMALL "M", T-6, W-6	3 7/8"	16	R-194	4.25	R-94	2.85
F-30, W-30 (3/4" wide rings)	4 1/4"	16	R-177	4.25	R-77	2.85
10-20, F-30, W-30 (1/4" wide rings)	4 1/2"	16	R-178	4.25	R-78	2.85
W-9, T-9, 1941-42	4.4	16	x	x	R-96	2.85
15-30, 1921-28, before No. TG99925	4 1/2"	16	R-179	4.85	R-79	3.25
22-36, 15-30, 1929-35	4 3/4"	16	R-180	4.95	R-80	3.75

MASSEY-HARRIS WALLIS

12-20, Certified 12-20, 1930-35	3 7/8"	12	R-183	3.65	R-83	1.85
Pacemaker, Challenger, 1936-41	3 7/8"	16	x	x	R-57	2.25
20-30, Certified 20-30, 3 ring	4 3/8"	12	R-159	3.95	R-59	2.25
Late 20-30, 25, 26-41, 4 ring pistons	4 7/8"	16	x	x	R-58	3.25

Minneapolis Moline TWIN CITY

"J" series: "Z" series, 1935-42	3 3/4"	16	R-195	3.95	R-95	2.25
Twin City 12-20, 17-28, KT, MT	4 1/4"	16	R-178	4.25	R-78	2.85
21-32, FE, FT, FTA, 1927-34	4 1/2"	16	R-179	4.85	R-78	3.25

OLIVER HART-PAR

70, 70-HC, 70-KD, 1935-38	3 1/8"	24	R-187	4.95	R-87	2.95
70, 70-HC, 70-KD, 1939-44	3 1/8"	24	R-153	4.95	R-53	3.45
18-28, 2-3 Plow Row Crop, 1931-37	4 1/8"	16	R-188	4.25	R-88	2.55

NOTICE: When ordering Stk. Nos. marked (**) be sure to tell if block is rebored and oversize rings required. Ship. Wt 2 lbs.

MAGNETIC DRAIN PLUGS



PROTECT CRANKCASE & TRANSMISSION
Order two for every tractor, car, and truck—one for the crankcase drain and another for the transmission.

If you know the size plugs you require you can order from the size and stock number chart below. If you do not know the thread sizes you need, SPECIFY MAKE, MODEL, and YEAR of your TRACTOR.

EACH, ANY SIZE

65c

3/8" Pipe Thread	Stk. No. 7A51
1/2" Pipe Thread	Stk. No. 7A52
5/8" Pipe Thread	Stk. No. 7A53
1" Pipe Thread	Stk. No. 7A54
1 1/4" Pipe Thread	Stk. No. 7A55
7/8" diam. 18 thread	Stk. No. 7A56
2" diam. 12 thread	Stk. No. 7A57
Ford Spl. Crankcase	Stk. No. 7A58

Precision PARTS for ALL TRACTORS



TRACTOR SHAFTS for IHC

PART	FITS MODEL	STK. NO.	WT.	PRICE
(A) Governor Shaft—Farmall Reg. 10-20, 15-30, 22-36, all 1924-31 models. Repl. IHC 4240DAX		T-301	3 lbs.	\$2.95
(A) Governor Shaft—Farmall F-20, F-30, all 1931-39 models. Repl. IHC 17220DX		T-302	3 lbs.	\$2.95
(B) Clutch Shaft—Single disc clutch. Farmall Reg. F-20, 1926-29, Repl. IHC 14738DA		T-303	6 lbs.	\$5.65
(C) Countershaft—34% in. Farmall Reg. F-20 1924-39. Repl. 15001DA, 2031OD		T-304	18 lbs.	\$12.45
S.R. Ball Brg. outer end above shaft		1407	3 lbs.	\$4.95
(D) Transmission Spline Shaft—Farmall Reg., 1924-32. Repl. IHC 15024DB.		T-305	9 lbs.	\$7.45
D.R. Ball Bear. front end above shaft		5307	2 lbs.	\$6.65
S.R. Ball Bear. rear end above shaft		1307	1 lb.	\$3.35
(E) Transmission Main Shaft—Farmall Reg. 1924-32. Repl. IHC 15011DA. 15% in.		T-306	9 lbs.	\$7.85
D.R. Ball Brg. front end above shaft		5307	2 lbs.	\$6.65
S.R. Ball Brg. rear end above shaft		1307	1 lb.	\$3.35
(G) Transmission Spline Shaft—All 10-20 models. Rep. IHC 10545D		T-307	13 lbs.	\$8.50
Roller Brg. front or rear above shaft		C-3145	2 lbs.	\$4.60
(H) Bull Pinion Shaft—10-20, Ser. above KC502B1, Rep. IHC 10593DA		T-308	12 lbs.	\$8.95
Roller Bearing L.H. side above shaft		C-3150	4 1/4 lbs.	\$6.20
Roller Bearing R.H. side above shaft		C-3155	4 1/4 lbs.	\$6.20
(F) Rear Axle Shaft—10-20, for tapered bearing hub. Rep. IHC 10509DC		T-309	38 lbs.	\$19.95
Cone & Cup 2 used on above shaft		566-563	4 1/2 lbs.	\$10.60
(G) Transmission Spline Shaft—For all 15-30. Rep. IHC 4659D. 2"x17 1/2"		T-310	15 lbs.	\$11.75
Roller Bearing front or rear above shaft		C-3105	3 lbs.	\$5.40
(G) Transmission Spline Shaft—For all 22-36. Rep. IHC 11704D. 2"x16 1/2"		T-311	14 lbs.	\$10.45
Cone & Cup front end above shaft		447-432	2 1/4 lbs.	\$6.10
Cone & Cup rear end above shaft		526-522	3 1/4 lbs.	\$7.90
(I) Bull Pinion Shaft—15-30, 1927-28, Ser. above TG 43806. Rep. 4412DA		T-312	25 lbs.	\$15.95
Roller Bearing L.H. side above shaft		C-3125	7 lbs.	\$8.85
Roller Bearing R.H. side above shaft		C-3135	7 lbs.	\$8.85
(I) Bull Pinion Shaft—22-36, 1929 and up. Rep. IHC 11721D		T-313	25 lbs.	\$15.75
Cone & Cup 2 used on above shaft		6455-6420	12 lbs.	\$27.00



TIMING GEARS



PART	No. of TEETH	REPLACES	STK. NO.	WT.	PRICE
IHC FARMALL REGULAR, F-20, 1924-39					
Magneto Drive Gear	35	409D	T-104	1 1/2 lbs.	\$1.95
Cranksaft Gear	35	10315D	T-103	3 lbs.	4.65
Camshaft Gear	70	10371DX	T-102	5 lbs.	8.65
IHC 10-20, F-30, W-30, 1923-39					
Magneto Governor Gear	28	438D	T-110	2 lbs.	1.98
Cranksaft Gear	28	10383D	T-109	3 lbs.	6.35
Camshaft Gear	56	10384DX	T-108	6 lbs.	7.95
IHC 15-30, 22-36, 1921-35					
Magneto Governor Gear	34	515D	T-113	3 lbs.	2.39
Cranksaft Gear	34	4252D	T-112	4 lbs.	4.35
Camshaft Gear	68	4219D	T-111	7 lbs.	12.95
IHC F-12, F-14, W-12, 1935-39					
Magneto Gear	33	24472DA	T-107	3 lbs.	8.25
Cranksaft Gear	33	24401D	T-106	2 lbs.	2.98
Camshaft Gear	66	3121DA	T-105	4 lbs.	8.25
JOHN DEERE MODEL "D"					
Camshaft Gear	64	AD-98	T-222	13 lbs.	5.95
Governor Idler Gear	48	AD-99	T-223	8 lbs.	4.45
Crank Gear 3 1/2" bore	32	D-1163	T-224	4 lbs.	4.65
Crank Gear 3" bore	32	D-106R	T-225	4 lbs.	5.75
Governor Drive Gear	32	D-842R	T-226	4 lbs.	4.65
ALLIS CHALMERS WC, WF, 1925-47					
Magneto Gear	27	U-3080	T-131	2 lbs.	2.95
Cranksaft Gear	27	U-3033	T-132	2 lbs.	3.25
Camshaft Gear	54	U-3028	T-133	3 lbs.	4.95
J. I. CASE C, CC, D, DC, 1927-47					
Governor Gear	28	4647A	T-134	4 lbs.	4.85
Cranksaft Gear	28	0779AB	T-135	3 lbs.	2.75
Camshaft Gear	56	4337A	T-136	5 lbs.	5.95

TRANSMISSION GEARS

for IHC Farmall Regular and F-20

Accurately made replacement gears for these popular IHC models, fully machined and guaranteed to fit perfectly. Made from improved analysis alloy gear steel, teeth finished for quiet operation. Priced far below current IHC dealer list prices.

2nd-3rd Speed DOUBLE SLIDING GEARS

Fit on spline shaft in transmission.

For REGULAR, 1924-31, Double gear, 27 and 31 teeth, replaces IHC part number 15064D. Stk. No. T-150. 12 lbs. IHC list price \$15.05.

Our low price... **\$9.95**
For F-20, 1932-39, Original type gear (not IHC high speed field change). Double gear, 30 and 32 teeth, replaces IHC part number 20697D. Stk. No. T-151. 12 lbs. IHC list price \$15.05.

Our low price... **\$9.95**

4th Speed SLIDING GEAR for F-20

28 tooth 4th speed sliding gear, fits on spline shaft, for F-20 only. Replaces IHC part number 20702D. Stk. No. T-152. Ship. wt. 5 lbs.

Our low price... **\$4.95**

TRANSMISSION MAIN SHAFT GEARS

Following gears have key slot, fit onto transmission main shaft.

HIGH SPEED GEAR for REGULAR

25 tooth gear, replaces IHC part 15046D. Stk. No. T-121. Ship. wt. 4 lbs.

Our low price... **\$4.45**

2nd SPEED GEAR for REGULAR

21 tooth gear, replaces IHC part 15019D. Stock No. T-122. Ship. wt. 3 lbs.

Our low price... **\$4.25**

4th SPEED GEAR for F-20

24 tooth gear, replaces IHC part 20701D. Stk. No. T-155. Ship. wt. 4 lbs.

Our low price... **\$4.45**

3rd SPEED GEAR for F-20

22 tooth gear (original type, not high speed field change) replaces IHC part 20700D. Stk. No. T-154. Ship. wt. 3 lbs.

Our low price... **\$4.45**

2nd SPEED GEAR for F-20

20 tooth gear, replaces IHC 20699D. Stk. No. T-153. Ship. wt. 3 lbs.

Our low price... **\$3.35**

COUNTERSHAFT PINIONS

for Farmall Regular and F-20

For REGULAR, 1924-31, 12 tooth pinion replaces IHC 15007DA. Stk. No. T-158. 4 lbs.

Our low price... **\$3.45**

For F-20, 1932-39, 12 tooth pinion replaces IHC 23306D. Stk. No. T-159. 5 lbs.

Our low price... **\$3.75**

STEERING PARTS

for FARMALL Reg. 1924-32

(D) STEERING BEVEL PINION BRONZE BUSHING. Repl. IHC 15280D. Stk. No. N-111. 6 oz. Each.

Our low price... **33c**

(G) STEERING BEVEL PINION SHAFT, repl. IHC 15143D. 1 1/4"x5 1/2". Stk. No. T-314. 1 lb. Each.

Our low price... **65c**

(C) STEERING SHAFT PINION GEAR, 8 Teeth Repl. IHC 15113DB. Stk. No. T-123. 1 lb. Each.

Our low price... **\$1.65**

STEERING GEAR AND PINION, 23-9 teeth with bronze bushing. Repl. IHC 151120AX. Stock No. T-124. Ship. wt. 5 lbs. Each.

Our low price... **\$9.95**

28-Tooth SPEED SPROCKETS

for DEERE "D"

and CASE "L"

DO MORE WORK, FASTER, WITH LESS FUEL

Specially recommended for older tractors converted to rubber tires. Users report 25% to 30% pick-up in speed, 10% to 20% less fuel cost per acre, better all around performance, field work time greatly reduced.

Sprockets are fully machined to fit right on, and you shorten your old drive chains to fit.

For Deere "D" 1925-33, ser. nos. 30400 to 123099.

Stk. No. 4A95. Ship. wt. 50 lbs. PER PAIR. **\$19.50**

For Case "L" 1928-37.

Stk. No. 14A23. Ship. wt. 50 lbs. PER PAIR. **\$19.50**



Steering UNIVERSAL JOINT for WC, RC

Fits All Allis Chalmers Tractors models W, WC, and RC, replaces Allis Chalmers part number U-2152. Drop forged heavy duty. Lubricated with grease fitting. Stk. No. 7A90. Ship. wt. 4 lbs. Each.

Our low price... **\$3.35**

REAR HUB BOLTS FOR FARMALL

Fits Farmall and F-20, repl. IHC 15365DAX.

Stk. No. 8A56. 12 oz. Each. **19c**



HERE'S HOW YOU SAVE WHEN YOU BUY FROM TRACTOR SUPPLY ...



Tries Us First

"I always try you first for repairs and supplies. I get better quality and it costs me a lot less to trade with you."

—Mr. Fred W. Jungblut
Route 8
White Bear Lake, Minn

Low overhead and streamlined operations are the big reasons why Tractor Supply undersells competitors. We are farm machinery and repair parts specialists. We buy direct from parts manufacturers in large quantities and sell direct, with selling expense cut to the bone. Each of our 16 branches is a combination mail order warehouse and complete counter service store, so you can understand why operating costs are lower.

You save time because our employees are trained in the farm equipment field to give you faster service

16 COMPLETE STOCKS AT SAME LOW PRICES

Trasco Quality Farm Equipment

and to help you with your operating and maintenance problems. *Time means money* and Tractor Supply can often save *days* on your shipments.

Every *Trasco* implement and each *Precision* repair part is made for us by a leading manufacturer. Specifications, materials, tolerances and finishes are exacting—they must come up to rigid Tractor Supply specifications. This is one of the reasons why we have the reputation for giving the greatest possible service at the lowest possible cost to you.

Precision Tractor and Implement Parts



Saves Time and Money

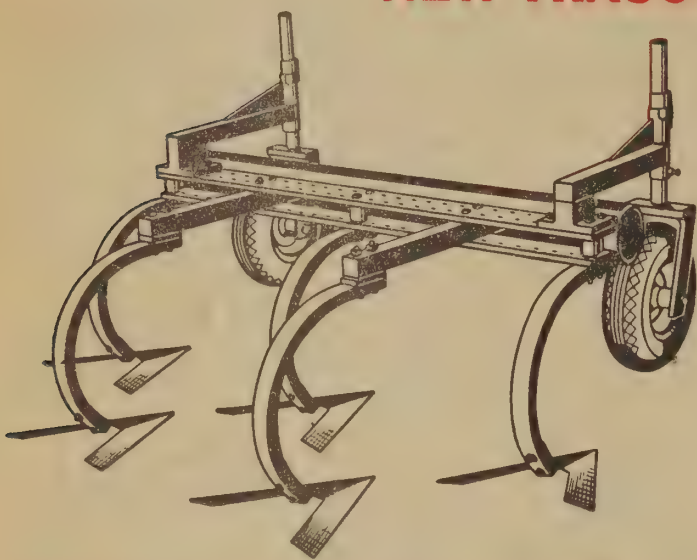
"I was awfully pleased when you opened your store in Kearney. We all talk about how much we save in time and money now."

—Mr. E. L. Anderson
Gibbon, Nebraska

GUARANTEED NEW PARTS

NEW TRASCO CHISEL PLOW-CULTIVATOR

New Soil-Conserving Dual-Purpose Implement



Developed by soil conservationists. Chisel points cut through the hard pan, helps soil *hold water* instead of promoting run-off and erosion. Does not churn topsoil, penetrates deeper and breaks up subsoil—actually aids in making fields level. Chisels can be set to penetrate 12 inches deep on second time over field. Attach interchangeable 14' or 16' sweeps for cultivating, summer fallowing, soil preparation.

Tractor mounted—less drag than pull type plow. Uses tractor lift—if you hit a rock or catch a stump, lift plow without getting off tractor seat. The Trasco chisel plow-cultivator is easy to maneuver, easy to lift for quick turn at row ends. Just raise lift lever to transport safely and quickly from field to field. Tool bar and Shanks extra heavy—unconditionally guaranteed against breakage.

Savings in weight and better land distribution save horsepower, let you pull a larger size or operate more economically. Average two-plow tractor easily handles 8' size, three-plow 10', four-plow 12', depending on depth of penetration and soil conditions.

With custom tailored frame mounting brackets to fit IHC H and M; Deere A, B, G, GM; Case SC; Allis Chalmers WC; Oliver 70, Massey Harris "44."

8-foot width \$240
10-foot width 285
12-foot width 330

Special for Ford—fits onto tractor hydraulic lift
6-foot width \$98

Tractor Supply stores carry thousands of farm items which are not listed in this condensed "Get Acquainted" catalog. The implements pictured here are a few of the complete stocks which can be seen in our stores or in our general or seasonal catalogs. See them at the store nearest you or write for our Free regular catalog service.

NEW TRASCO GARDEN TRACTOR

For Farms, Nurseries, Vegetable Growers, Small Country Places, Home Gardens

Rugged garden tractor available in 2 H.P. and 3 H.P. models. Heavily constructed frame, welded, not bolted, throughout. Walking speed $\frac{1}{2}$ to 3 miles per hour, depending on acceleration. Powerful Clinton gas engine has reduction gear case—centrifugal type governor. Easily controlled throttle on handlebar, quick releasing clutch for safety. Implements mount in front of axle—more power, keep out of users way. Easy to attach.

51A5

Powered by Clinton $1\frac{1}{2}$ -2 H.P. engine. Takes all implements shown below. Tires are 4:00 x 12"

\$179.50

51A6

$2\frac{1}{4}$ -3 H.P. Clinton engine for heavier work. Uses implements shown below. 5:00 x 12" tires

\$224.50

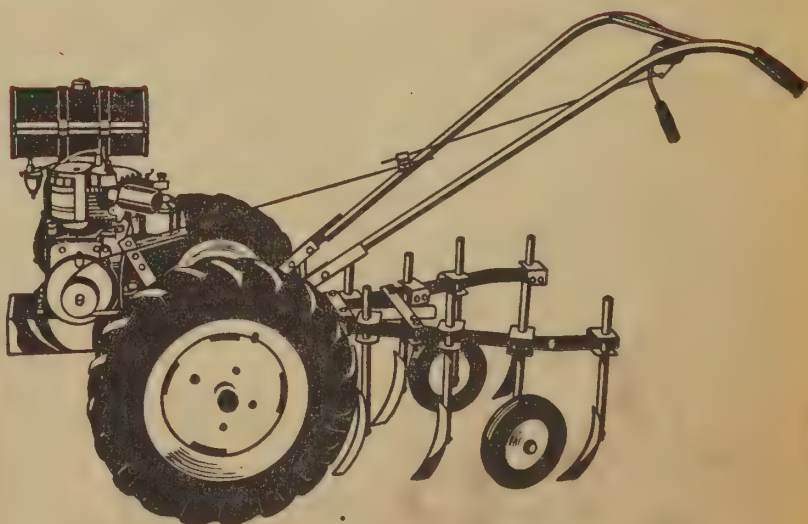
32-INCH SICKLE BAR ATTACHMENT for weeds, hay, around and under fences. Two clutches—smooth running—no supports interfere with clutching.

CULTIVATOR—Illustrated on tractor above. Extra-heavy duty type. Shovels and wheels easily removed or adjusted.

DISC HARROW—Prepares plowed ground for planting. Can be set to draw dirt away from or up to the row.

FLOW—Pitch and depth are easily adjustable. Plow runs straight when one tractor wheel is in furrow.

Also available are: snow plow, combination cart and sulky, riding sulky, dump cart, reel mower, roller, and compressor.



TWO WAYS TO BUY FROM TRACTOR SUPPLY

VISIT YOUR NEAREST TRACTOR SUPPLY STORE FOR PROMPT, FRIENDLY COUNTER SERVICE

Counter service at Tractor Supply stores is always enjoyable because employees are eager to help—our parts men are specialists, chosen for their knowledge of farm equipment and their ability to serve you well. When you walk into your nearest Tractor Supply store you'll find it completely stocked with the items you need, from the smallest repair part to the largest farm implement. You can examine all these items and see for yourself that we sell this high quality merchandise at the same low prices shown in the catalog.



No Waiting

"I really like the way I can come into your store and get what I want without fooling around half a day waiting."
—Mr. Donald Clabaugh
Westfield, Iowa



Saved About 40%

"I have a Farmall Regular tractor, 1934 model. I have saved about 40% on tractor parts since I began using parts from Tractor Supply Co. Their parts stand up excellent in wear and quality."
—Mr. William W. Barnes
Enid, Oklahoma



Glad to See Me

"You were just as glad to see me when I got a refund on those rod bearings I didn't need as you are when you sell me something."
—Mr. E. O. Corns
Valley Center, Kansas



"I'm proud of being the first customer in your Texas store. Your company has proven dependable, year after year—that's why I'm sold on Tractor Supply."
—Mr. Bill Lightfoot
Grandview, Texas

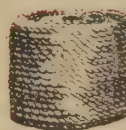
THOUSANDS OF ITEMS OMITTED FROM THIS CONDENSED CATALOG

This is a condensed introductory catalog which has been sent to you by an old established company seeking new friends who are interested in cutting farm machinery maintenance costs. Of course we can't list all our regular stock specials and seasonal items in this condensed catalog, but listed below are a few of the items which have been omitted.



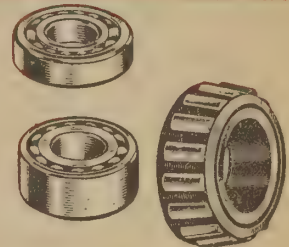
MOWER PARTS—ALL TYPES FOR ALL MAKES

Complete knives, guards, sections, pitmans and boxes, wearplates, clips.



Genuine Manila ROPE

1/4" to 1"



BALL AND ROLLER BEARINGS

Largest stock of BRAND NEW Guaranteed bearings. Also rod and main bearings.



COMBINE V-BELTS & DRIVES FOR ALL MODELS

Modern, safer, for all makes and models. Highest quality.



TRACTOR UMBRELLAS



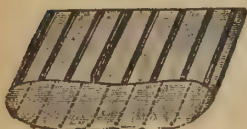
CYLINDER TEETH

for all leading makes of combines and threshers.



PORTABLE GRAIN AUGERS

Also farm elevators, grain blowers.



COMBINE AND BINDER CANVAS

Heavy duty, long wearing, to exact original equipment dimensions.



TOOLS

Wrenches
Socket Sets
Screwdrivers
Drills



SHAFTS & GEARS—FOR ALL TRACTORS

SEND COUPON TODAY!

TRACTOR SUPPLY CO., 2682 Halsted St., Chicago 14, Ill.
Please see that I receive the Tractor Supply catalogs regularly.

PLEASE PRINT

Name.....

Rural Route..... Box No.....

City..... State.....

CARBURETORS - MAGNETOS



ZENITH CARBURETORS

Choice of Brand New or Rebuilt

COMPARE OUR PRICES! See how little it costs you to replace your old carburetor with either a Brand New Zenith, or one completely reconditioned at the factory. Genuine Zenith, original equipment on most models listed below.

NO TIME WASTED! Order on an Outright basis. Then, send in your old carburetor for trade-in refund allowed.

ALLIS-CHALMERS

Model & Year	Type	Mfrs. No.	Our Stock No.	Out-right	Trade-in	Net Price, Exchange
WC, 1933-37	Brand New	U-3195	C-610	\$11.95	\$ 2.00	\$ 9.95
WC 1933-37	Rebuilt	U-3195	C-710	9.95	2.00	7.95
WC, 1938-45	Brand New	209312	C-611	11.45	2.00	9.45
WC, 1938-45	Rebuilt	209312	C-711	9.45	2.00	7.45
B&C, 1940-44	Brand New	211456	C-613	11.45	2.00	9.45

J. I. CASE

C&CC 1935-39	Brand New	01690AB	C-620	12.95	2.00	10.95
C&CC 1935-39	Rebuilt	01690AB	C-720	10.95	2.00	8.95
D & DC 1940-45	Brand New	04999AB	C-621	15.95	2.00	13.95
D & DC 1940-45	Rebuilt	04999AB	C-721	10.50	2.00	8.50
L & LA 1939-45	Brand New		C-622	29.95	8.00	21.95
S & SC 1940-45	Brand New		C-623	11.95	2.00	9.95
R & RC 1935-40	Brand New		C-624	12.95	2.00	10.95
R & RC 1935-40	Rebuilt		C-724	9.95	2.00	7.95

IHC McCORMICK DEERING

Farmall F30 1932-39	Brand New		C-600	29.25	8.00	21.25
Farmall F30 1932-39	Rebuilt		C-700	21.95	8.00	13.95
F30, W30 1932-39	Brand New		C-601	29.25	8.00	21.25
F30, W30 1932-39	Rebuilt		C-701	21.95	8.00	13.95
Farmall A, B, Combines Brand New			C-602	12.95	2.00	10.95
123, 22, 1939-47	Rebuilt		C-702	9.95	2.00	7.95

AIR INTAKE HOSE FOR CARBURETOR

For all Farmall Regular, F-12, 14, 20, 10-20, 15-30, 22-36. 2" hose, 1 7/8" long, 2 req. Stock No. 13A-57, Each. **7c**

OLIVER

70HC 1935-37	Brand New	BS393	C-631	13.45	2.00	11.45
70HC 1935-37	Rebuilt	BS393	C-731	9.95	2.00	7.95
70HC 1938-44	Brand New	BS393D	C-632	12.75	2.00	10.75

MASSEY-HARRIS

Challenger and Pacemaker 1937-43	Brand New		C-631	13.45	2.00	11.45
	Rebuilt		C-731	9.95	2.00	7.95

MARVEL SCHEBLER

BRAND NEW ORIGINAL EQUIPMENT CARBURETORS FOR FORD & DEERE

Don't waste time and money trying to repair your old tractor carburetor! Trade it in for a Brand New MARVEL SCHEBLER. Send Outright Sale Price with your order. Then, within ten days, return your old carburetor with all parts, postpaid, for Trade-In Allowance.

For FORD TRACTORS 1939-46

Brand New Marvel Schebler Carburetor. Fits all Ford Tractors 1939-46. Outright Sale Price \$11.95. Trade-In Allowance \$2.00. Stk. No. C-650. Exchange Price **\$9.95**

For JOHN DEERE MODEL "A"

Brand New Marvel Schebler Carburetor. Fits all Deere "A" series 1939-46. Outright Sale Price \$16.95. Trade-In Allowance \$2.00. Stk. No. C651. Exchange Price **\$14.95**

For JOHN DEERE MODEL "B"

Brand New Marvel Schebler Carburetor. Fits all Deere "B" series 1939-46. Outright Sale Price \$16.95. Trade-In Allowance \$2.00. Stk. No. C-652. Exchange Price **\$14.95**

COMPLETE CARBURETOR OVERHAUL KITS

KITS FOR IHC

Farmall F-12, F-14, 1934-49. C-100. Kit **\$2.25**

Farmall 1927-29 (T15906-T66811) 10-20, 1927-29 (KC85794-KC143517) Ensign 1 1/4 in. C-101. Kit **\$3.95**

Farmall 1929-31 (T66812-T134954) 10-20, 1929-36 (KC143518-KC207275) C-102. Kit **\$3.95**

15-30 (TG73650-TG99925). C-103. Kit **\$3.95**

15-30 (TG73650-TG157477). C-104. Kit **\$3.95**

22-36 (TG99926-TG157477). C-105. Kit **\$3.95**

Farmall F-20, F-30, W-30, 1931-37. C-106. Kit **\$3.95**

KITS FOR ALLIS CHALMERS "W-C" & "W-F", 1933-37 using Zenith carb. 0-7078. C-84. Kit **\$4.25**

"W-C" & "W-F", 1938-47 using Zenith carb. 0-9707. C-85. Kit **\$4.25**

For all 1939-46 Ford Tractors using Schebler Car. TSX-33. C-91. Kit **\$2.65**

KITS FOR DEERE "A" series 410,000-487,999. Also "G", 1,000-12,999. C-90. Kit **\$3.95**

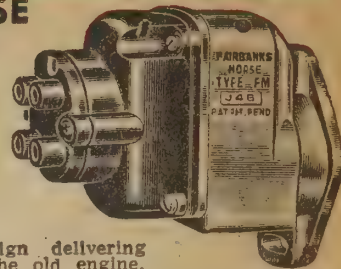
"B" series 1,000-95,999. C-88. Kit **\$3.75**

FAIRBANKS—MORSE

BRAND NEW MAGNETOS

ELIMINATE IGNITION TROUBLES! Now you buy a Brand New Magneto for less than the usual charge for a repair job. Be sure to check applications before ordering.

BRAND NEW Fairbanks-Morse type "J" magnetos, the same as used on late model original equipment, are now available to replace those on older tractors. Compact, powerful, improved design delivering intense spark. Puts new life in the old engine. Carbon brush distributor. Bearings permanently sealed in lubricant. Complete with impulse coupling, ready to attach. Each custom made.



NEW F-M Magneto for IHC Tractors, 1925-31, replacing old E-4-A or Dixie. Stk. No. M-201. Ship wt. 9 lbs. Each \$33.25

NEW F-M Magneto for IHC Tractors 1931-35, replacing early F-4 with open type coupling. Stk. No. M-202. Ship wt., 9 lbs. Each \$36.75

NEW F-M Magneto for IHC Tractor, 1935-39, replacing late F-4 with housing over coupling. Stk. No. M-203. Ship. wt., 9 lbs. Each \$36.75

NEW F-M Magneto for Allis Chalmers WC, B, C, RC 1938-47. Flange mounting type. Stk. No. M-205. Ship. wt., 9 lbs. Each \$33.25

NEW F-M Magneto for CASE C, CC, D, DC, L, LA, Base mounting. Stk. No. M-208. Ship. wt. 9 lbs. Each \$33.25

NEW F-M Magneto for DEERE "A" Nos. 410,000 to 424,025 and all after No. 488,000; fits "B" Nos. 90,000 and after; "H" and "HN." No. M-207. Ship. wt., 9 lbs. Each \$30.50

NEW F-M Magneto for DEERE D, G, GP, 1937-47; fits "A" Nos. 424,025 to 487,999, "B" Nos. 1,000 to 89,999. Stk. No. M-209. \$30.50

NEW F-M Magneto for CASE C, CC, D, DC, L, LA. Base mounting. Stk. No. M-208. Ship. wt., 9 lbs. Each \$33.25

NEW F-M Magneto for CASE S, SC. Flange mounting. Stk. No. M-210. Ship. wt., 9 lbs. Each \$33.25

NEW F-M Magneto for CASE V, VC. Flange mounting. Stk. No. M-211. Ship. wt., 9 lbs. Each \$33.25

NEW F-M Magneto for CASE R, RC; MINN. MOLINE J, JTL, M, MTA. Base mounting. Stk. No. M-212. 14 lbs. Each \$41.25

NEW F-M Magneto for MINN. MOLINE "R" and "Z" series. Flange mounting. Stk. No. M-213. 13 lbs. Each \$41.25

NEW F-M Magneto for MASSEY HARRIS Challenger and Pacemaker, Flange mounting. Stk. No. M-214. 10 lbs. Each \$33.25

NEW F-M Magneto for OLIVER 70. 6 cylinder heavy duty, Flange mounting. Stk. No. M-215. \$47.25

REBUILT MAGNETOS

The following magnetos are carried in stock so you can either bring in your old one and trade, or order by mail under the exchange plan. When ordering by mail, either send in your old magneto with the exchange price, or send full price and return your old magneto within 30 days and our allowance check will be sent promptly.

\$17.95

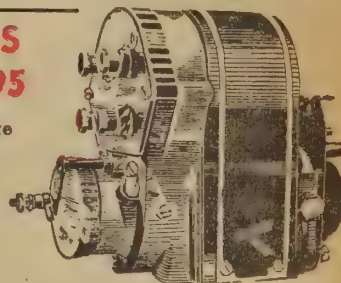
Net
Exchange
Price

4 Cyl. Dixie Splitdorf for IHC tractors 1923-28. Trade-In Allowance \$5.00. M-100—Outright Sale Price \$22.95

4 Cyl. E-4-A for IHC tractors 1928-31. Trade-In Allowance \$7.00. M-101—Outright Sale Price \$24.95

4-Cyl. F-4 for IHC tractors 1932-35. Trade-In Allowance \$9.00. M-102—Outright Sale Price \$26.95

4 Cyl. F-4 for IHC tractors 1935-39. Trade-In Allowance \$9.00. M-103—Outright Sale Price \$26.95



4 Cyl. H-4 for IHC tractors A, B, H, M, W-4, W-6, 1939-47. Trade-In Allowance \$7.00. M-104—Outright Sale Price \$24.95

4 Cyl. Fairbanks for Allis Chalmers, WC, B, C, RC, 1938-47. Trade-In Allowance \$5.00. M-105—Outright Sale Price \$22.95

2 Cyl. for DEERE 1925-31 models. Trade-In Allowance \$5.00. M-106—Outright Sale Price \$22.95

2 Cyl. for DEERE 1938-46 models. Trade-In Allowance \$5.00. M-107—Outright Sale Price \$22.95

POINTS FOR YOUR MAGNETO

For IHC, E-4-A. Also Bosch. MP-72—Tungsten points...Set 35c

MP-73—Platinum points Set \$2.35

For IHC, F-4 Magneto. MP-76—Tungsten points...Set 69c

For IHC, H-4 Magneto. MP-86—Tungsten points...Set 67c

For DIXIE-SPLITDORF. MP-75—Tungsten points...Set 79c

For DIXIE-SPLITDORF, wide point. MP-78—Tungsten points...Set 79c

For American BOSCH MJB. MP-87—Tungsten points...Set 89c

For WICO, AP. MP-90—Tungsten points...Set 85c

For BOSCH AT, U, ZR, 1933 and after. Thick short screw. MP-74—Tungsten points...Set 39c

For Fairbanks FM4B. MP-88—Tungsten points...Set 85c

For Fairbanks FMJ. MP-89—Tungsten points...Set 85c

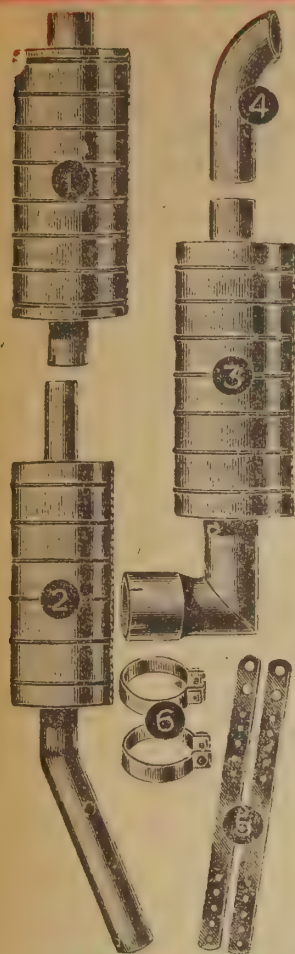
For FAIRBANKS RV, DRV. MP-80—Tungsten points...Set 89c

For FAIRBANKS. MP-81—Tungsten points...Set 95c

For EISEMANN. MP-83—Tungsten points...Set 69c

For WICO, C & A. MP-91—Tungsten points...Set 85c

TRACTOR MUFFLER ASSEMBLIES



Complete Kits to Equip Old Models — or Replace Present Noisy Muffler
Rust Resisting Steel, Smooth, Quiet—No Back Pressure

For IHC McCormick Deering

Farmall F-12, F-14, W-12, 1933-39 Type 1; Stk. No. 28A2. Wt. 5 lbs.	\$2.19
Farmall A and B, 1939-47 Type 1; 5" dia., 14" height, complete with clamp, Stk. No. 28A1. Wt. 5 lbs.	\$2.95
Farmall F-20, F-30, W-30, 1932-39 Type 1, 6" dia., 20" height, complete with clamp, Stk. No. 28A3. Wt. 8 lbs.	\$2.95
Farmall H, M, IHC W-4, W-6, 1939-47 Type 1, 6" dia., 19 1/2" height, complete with clamp, Stk. No. 28A5. Wt. 8 lbs.	\$2.65
Farmall Regular, 1924-32; Complete. Type 3, exhaust elbow, 2 strap brackets, 2 clamps and top outlet spout (4) for model not previously equipped.	\$3.25
Stk. No. 28A4. Wt. 11 lbs.	
McCormick-Deering 22-36, 1929-35, Complete. Type 3, exhaust elbow, 2 strap brackets, 2 clamps, and top outlet spout (4) for model not previously equipped.	\$3.95
Stk. No. 28A10. Wt. 12 lbs.	
McCormick-Deering 15-30, Nos. TG50131 to 99925. Fits 1927-29 models equipped with factory muffler. 3 piece unit, shell with fitted base, inner baffle tube and spout.	\$2.59
Stk. No. 28A9. Wt. 7 lbs.	
McCormick-Deering 10-20, Nos. KC69613 to 139066. Fits 1927-30 models equipped with factory muffler. 3 piece unit, shell with fitted base, inner baffle tube, and spout.	\$2.49
Stk. No. 28A8. Wt. 6 lbs.	

For J. I. CASE

J. I. Case C, CC, L, 1931-36; Complete. Type 3, with exhaust elbow, 3 strap brackets, 2 clamps, to install on models not previously equipped.	\$4.98
Stk. No. 28A20. Wt. 11 lbs.	
J. I. Case C, CC, D, DC, 1937-47. Type 1, 6" dia., 20" height, complete with clamp, Stk. No. 28A19. Wt. 8 lbs.	\$3.98
J. I. Case VAC, 1941-48. Type 1. Stk. No. 28A1. Wt. 5 lbs.	\$2.95

For MASSEY HARRIS

Massey Harris 81, 101, 101 Jr. 1937-44. Type 1. Stk. No. 28A33. Wt. 7 lbs.	\$3.59
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For JOHN DEERE

Deere D, GP, 1928-41; Complete. Type 3 with exhaust elbow, 2 strap brackets, 2 clamps and top outlet spout (4), to install on models not previously equipped.	\$3.95
Stk. No. 28A30. Wt. 12 lbs.	
Deere B, 1934-39, Nos. 1000 to 58999. Type 1, complete with flange.	\$4.45
Stk. No. 28A25. Wt. 7 lbs.	
Deere B, 1939-44, After No. 60,000. Type 1, complete with flange.	\$4.15
Stk. No. 28A26. Wt. 7 lbs.	
Deere A, 1934-37, 410,000 to 476,999. Type 1, complete with flange.	\$3.35
Stk. No. 28A28. Wt. 7 lbs.	
Deere A, 1939-46, After No. 488,000. Type 1, complete with flange.	\$2.95
Stk. No. 28A29. Wt. 8 lbs.	

For ALLIS CHALMERS

Allis Chalmers B, C, RC, 1939-41. Type 1. Stk. No. 28A15. Wt. 5 lbs.	\$2.35
Allis Chalmers WC, 1935-40 to No. 106509. Type 2 with angle pipe to exhaust and top outlet pipe. Stk. No. 28A13. Wt. 8 lbs.	\$2.49
Allis Chalmers WC, 1940-46 after No. 106509. Oval shaped, similar to type 1. 11" height.	\$2.39
Stk. No. 28A14. Wt. 4 1/2 lbs.	

For FORD

New Ford (Ferguson System), 1939-46. Type 1, 4 1/2" dia., 22" length. To install, cut old exhaust pipe at front of old muffler. Complete with clamp for fastening.	\$2.98
Stk. No. 28A22. Wt. 5 1/2 lbs.	

For OLIVER

Oliver 60, Row Crop, 1940-46. Type 1. Stk. No. 28A35. Wt. 3 lbs.	\$2.19
Oliver 70, Row Crop, 1935-46. Type 1, 4 1/2" dia., 15" height.	\$2.45
Stk. No. 28A36. Wt. 4 lbs.	
Oliver 80, 1935-44. Fits all 18-28 models with 2 3/4" vertical exhaust pipe.	\$3.98
Type 1, 6" dia., 20" height.	
Stk. No. 28A19. Wt. 8 lbs.	

SPARKCAP—STOP SPARKS —STOP WATER



Fits onto muffler top, light in weight, absolutely rustproof, with no moving parts to wear and no noise.

Exhaust gasses coming out of muffler are swirled without back pressure. Sparks are deflected by the cupola top and cooled before passing through.

One model, as pictured at left, fits onto outlet pipe—from muffler—fits all pipes from 1 1/2" to 3" diameter. Deere models having no pipe on top of muffler take special cap which fastens direct to muffler shell.

For ALL 1 1/2" to 3" TOP PIPES.
Fits IHC, Case, A-C, etc. \$1.75
Stk. No. 18A45. 1 lb. Ea.

For JOHN DEERE ONLY
All 1935-47 Deere. \$1.75
Stk. No. 18A46. 1 lb. Ea.

THE WEATHERCAP—ENDS VALVE WARPING —PROTECTS YOUR ENGINE

Prevents valves from warping due to the rushing of cold air down the exhaust pipe when the motor is shut off. All metal—will last the lifetime of your tractor.

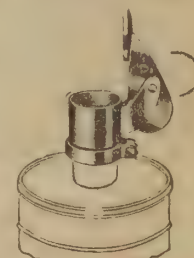
Accurately balanced: OPENS WHEN MOTOR STARTS—CLOSES WHEN MOTOR STOPS. Fits muffler or stack. MEASURE THE OUTLET DIAMETER ON YOUR TRACTOR BEFORE ORDERING.

For 1 1/2 In. Diameter Outlets
Fits Ford Ferguson; Oliver 60, some Oliver 70's, Allis Chalmers B, WC to 1939. Stk. No. 18A41.

For 1 3/4 to 2 In. Diameter Outlets
Fits IHC F-12, F-20, F-30, W-30; Allis Chalmers WC after 1939, Deere B, H, D, GP; Fordson; most Massey-Harris; Oliver 80, some 70's, Case SC, IHC A, B, 22-36. Stk. No. 18A42.

For 2 1/4 to 2 3/4 In. Diameter Outlets
Fits IHC "H," "M," W-4, W-6, 10-20, 15-30; Allis Chalmers U, UC; Case VAC. Stk. No. 18A43.

For 2 3/4 to 3 In. Diameter Outlets
Fits Case DC, some IHC 22-36; early F-20; Allis Chalmers A, E, K; Case LA. Stk. No. 18A44.



Each
Any Size
Ship. Wt.
1 lb.

\$1.49

SPARK PLUG TIRE PUMP

To operate simply remove one spark plug, insert pump, then start motor.

Unit is complete with adapters to fit any standard spark plug thread. Positive check valve prevents motor fumes from mixing with air supply. Air pressures from 50 to 100 lbs. depending on the compression in the motor used. Pressure gauge in air line assures correct pressure. TIRE PUMP UNIT consisting of pump assembly, long air hose, fumecheck valve, and pressure gauge in line.

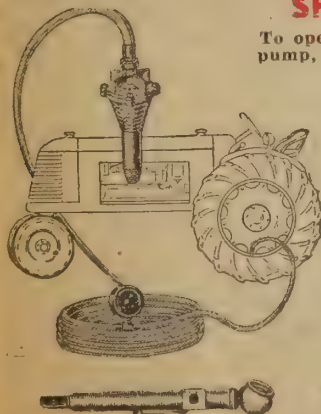
25A30—Ship. wt. 3 1/4 lbs. Each \$3.45

SPECIAL SPARK PLUG TIRE PUMP FOR FORD TRACTOR
25A31—Ship. wt. 3 1/2 lbs. Each \$3.45

TIRE PRESSURE GAUGE

Pencil type tire gauge registers from 3 to 50. Each with pocket clip.

19A1—Ship. wt. 1 1/2 lbs. Each \$1.19



TRASCO ENAMEL

Your Best Buy for Tractor and Implement Protection—and to give your equipment that "Brand New" appearance. Order enough enamel to use 2 coats for best possible results. One quart will give small tractor one coat.

FADE-PROOF COLORS HOLD ORIGINAL SHADES

All colors listed below have been laboratory and field tested to assure exact duplicate of manufacturers original shade. Continuous testing and improving of TRASCO ENAMEL makes it superior in providing the fullest protection in all kinds of weather, and retaining its original color.

	Ship. wt.: Quarts 5 lbs. Gal. 16 lbs.
Color	Quart Gallon
RED, for IHC, FARMALL.....	Stk.No. Stk.No.
GRAY, for older IHC, general.....	P-13..... P-113
GREEN, for JOHN DEERE.....	P-14..... P-114
YELLOW, trim for Deere.....	P-10..... P-110
ORANGE, for Allis Chalmers.....	P-11..... P-111
RED-Flambeau, for CASE.....	P-12..... P-112
GREEN for OLIVER.....	P-17..... P-117
BLACK, general use.....	P-18..... P-118
	P-15..... P-115

Any Color
Quart \$1.65
Gallon \$5.49

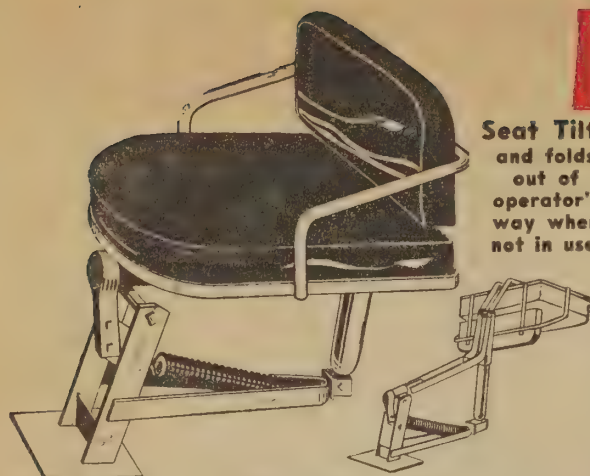
HYDRAULIC SEAT

Seat Tilts and folds out of operator's way when not in use.

FOR A NON-SLANT, NON-JOLT, "JOY" RIDE

Don't dread the long hours you must spend jockeying your tractor over rough fields. Install an **HYDRAULIC SEAT** and experience less fatigue.

The hydraulic recoil cylinder absorbs the jolts and bumps and the "Gyro" leveling device keeps you on even keel for contour plowing.



Make & Model	Type
Farmall, H.M. 1939-46	1
Farmall, H.M. 1947 & up	0
Farmall, A.B.	8
Farmall Reg.	4
Farmall F-20, F-30	2
Farmall F-12	5
Farmall F-14	6
IHC 10-20, 15-30, W-30	3
IHC W-4, W-6, W-9	7
Allis Chalmers B, C	9
Allis Chalmers WC	12

Make & Model	Type
John Deere A.B. 1934-37	11
John Deere D	10
*J. I. Case L, LA	18
*J. I. Case SC, DC	13
*J. I. Case VAC	16
*Ford, 8N, Ferguson	14
Ford Crest 30, Co-op E-3	17
Farm Crest 30	15
Oliver 70	13
Massey Harris 101, Sr. Jr. 19	12

Seat can be adjusted to the weight of the operator. 85 to 250 lbs. When adjusted, the seat is custom made for you. Will keep you relaxed and in a balanced position. Enables you to work longer and in greater comfort. Users report this seat gives passenger car comfort to their tractor, and it is one of the most profitable investments they have ever made.

FRAME Complete But Less Seat. Use with Your Present Seat.

24A20 Each **\$24.95**



A choice of three seat styles are available, **CUSHION**, complete with back rest and a thick pad of airfoam between you and the seatpost. **STEEL**, for those who prefer the deep sided, comfortable bucket seat, and **SEAT FRAME** only, so you can use a satisfactory seat you already own. Those with an * are steel only unless specially requested, for the cushion seat elevates the operator 3 1/2" above normal. Be sure to give **MAKE, MODEL, and SERIAL NUMBER** of your tractor when ordering.

FRAME Complete with Large STEEL BUCKET SEAT

24A40 Each **\$29.95**

FRAME Complete with DeLuxe CUSHION SEAT with BACK REST as Pictured

24A60 Each **\$39.95**

DETACHABLE SEATS

TRACTOR AND IMPLEMENT

The ease in which this seat can be transferred to wherever needed makes it almost indispensable on every farm. Fits not only tractors, but binders, mowers and other seasonal machines as well. Bottom is made of strong channel, shaped and drilled for easy installation. Cushion back is thickly upholstered, backed by steel springs. Waterproof fabric cover, removable cushion, steel channel frame.



Stk. No. 49A17—Ship. wt. 25 lbs. **\$7.95**

With Special Bracket for IHC, H & M

Stk. No. 49A16—Ship. wt. 28 lbs. **\$9.25**

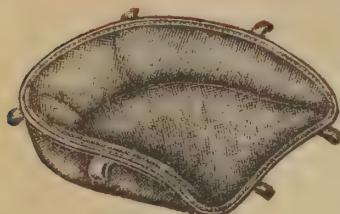
HANDY UNDER-SEAT TOOL BOX

Use 1 or 2 with above seat.

Size: 13"x4"x4". Stk. No. 49A18. Ea. **\$1.50**

FORM FITTING SPRING UPHOLSTERED

COMFORTABLE SEAT CUSHIONS



FOAM RUBBER—RIDE ON BUBBLES

The heaviest man can ride on the roughest field in comfort because there is 2 INCHES of air foam rubber between him and the steel seat. Millions of tiny bubbles in the thickly packed air foam rubber. Waterproof cover. Fits newer tractors.

Stk. No. 25A7—6 lbs. Ea. **\$2.98**

BUCKET TYPE SEAT

For newer tractors. Deep thick hair and fiber padding with raised sides. Completely reversible. Will not mildew.

Stk. No. 25A8—4 lbs. Ea. **\$1.89**

UMBRELLAS

OFFSET TYPE

New style sun and rain shade that gives real protection against the elements. Mounts on shaft out of the way of tractor operation. Can be swung from side to side and adjusted to give maximum protection regardless of time of day or direction of travel.

FRAME: Shaft is 1-Pc. type (as illustrated) of 1 1/4" tubular steel. Bows are steel spring wire. Both shaft and framework are heavy zinc plated to provide the greatest resistance to rust. COVER: Canvas is of 6-rib construction, having an approximate spread of 65 inches. Can be replaced if torn or mutilated.

Stk. No. 49A44—UMBRELLA ONLY—Ship. wt. 13 lbs. Ea. **\$9.45**

UNIVERSAL STRAIGHT TYPE

Ideal for use on many tractors and farm implements. Shaft is 1-Pc. type with handle 5 1/2 ft. long, made of 1 1/4" tubular steel. Bows are steel spring wire. Both shaft and framework are zinc plated. Canvas cover is of 6-rib construction with approximate spread of 65 inches. Can be replaced if torn or mutilated.

Stk. No. 49A45—UMBRELLA ONLY—Ship. wt. 12 lbs. Ea. **\$6.95**

REPLACEMENT COVERS

Fits either of above umbrellas.

Stk. No. 49A40—Ship. wt. 5 lbs. Ea. **\$3.95**

UMBRELLA BRACKETS

Universal type under seat bracket. For use with either of the above umbrellas. 12" from center seat bolt.

Stk. No. 49A46—Ship. wt. 1 lb. Ea. **\$1.29**

Clamp bracket for steering post mounting. One end clamps to any solid post, the other to the umbrella.

Stk. No. 49A43—Ship. wt. 3 lbs. Ea. **\$1.50**



FRONT WHEEL TIRE SCRAPER

Prevents the accumulation of dirt and trash when working in soft fields.

Scraper blades made of high carbon steel—built for years of service on farm tractors. Heavy steel frame holds blades rigidly in place, efficiently scraping all dirt and trash from front tires. Easily installed or removed in a few minutes. Shipped assembled with full instructions for mounting on tractor.

Fits all IHC, Farmall, Deere, and Allis Chalmers Row Crop Tractors.

Stk. No. 49A80—Ship. wt. 15 lbs. Each **\$5.95**



WHEEL SPINNER

Tractor operators who have used one of these handy spinners say they wouldn't take \$100 for it if they couldn't get another right away. The ease of handling all row crop work makes a big difference in feeling less tired after a day in the field, planting, cultivating, spraying, picking. This is a heavy duty type spinner, built for tractor work and much heavier than the die cast type used on cars. Heavy wood knob, reinforced bushing with steel bracket and stud.

Stk. No. 19A30. Ship. wt. 1 lb. Each **29c**



GENUINE A-C SPARK PLUGS

Because of quantity buying, we can offer Genuine, Nationally Advertised, A-C Spark Plugs at sensationally low prices! Each plug a guaranteed brand new, packed in original A-C box with correct size and heat range for tractors shown.

3/4" THREAD FOR MOST 1923-39 TRACTORS

Fits all IHC 1923-39, F-12, F-14, F-20, F-30, W-30, Regular, 10-20, 15-30, 22-36; CASE C, CC, L; DEERE A, B, before 1940. OLIVER 70; Massey Harris, Minn. Moline, etc.

Stk. No. SP-10—1/2 lb. Each **39c**

18 MM. THREAD FOR IHC H & M, CASE, DEERE, ETC.

AC plug No. 83, as specified by IHC for hard service in 1939-48 models; A. B. H. M. W4, W6, etc. CASE D, DC, V, VAC; DEERE A, B, 1941-47. OLIVER 70; Massey Harris, Minn. Moline, etc.

Stk. No. SP-11. Each 39c Ctn. of 10 **\$3.69** Case of 100 **\$32.95**

SPARK PLUG CABLES

Wires Cut to Proper Length, Fitted with Right Terminals—Ready to Install. Made of the best grade flexible wire, rubber insulated with weather proof fabric coating for best service.

	Model	No. Wires Used	Stk. No.	Per Set
ALLIS CHALMERS	W, WC	4	W141	59c
	B, RC	4	W142	59c
	L, LI, 26-40	4	W151	89c
	C, CC	4	W152	89c
J. I. CASE	R, RC	4	W153	89c
	D & GP to 1931	2	W121	83c
	A 1934-46	2	W122	59c
	B 1934-46	2	W123	55c
JOHN DEERE	H	2	W124	69c
	1939-42	4	W131	85c
	Farmall Reg. 10-20	4	W101	79c
	F20, F30	4	W103	57c
FORD, FERGUSON	15-30—22-36	4	W102	79c
	F-12, F-14	4	W104	98c
	Farmall "M"	4	W105	69c
	Farmall "H"	4	W106	69c

FLOODLIGHTS for YOUR TRACTOR



**KITS COMPLETE
LESS BATTERY**

Complete Sets \$32.95

**IF YOUR TRACTOR DOES NOT HAVE LIGHTS, YOU CAN
EQUIP IT COMPLETELY FOR SAFE NIGHT OPERATION
AT LOW COST**

ORDER BY NO., MAKE AND MODEL

Stock No.	Make & Model	Years Fit
TL-701	Farmall Regular	1926-31
TL-702	Farmall F-20	1932-37
TL-704	Farmall F-20 With V Fan Belt	1938-39
TL-703	Farmall F-30	1931-39
TL-736	Farmall F-12	1934-38
TL-734	Farmall "H"	1940-46
TL-735	Farmall "M"	1940-46
TL-737	IHC 10-20, W-30	1924-39
TL-721	John Deere A, B, G	1929-44
TL-722	Deere "D"	1926-36
TL-724	Deere "H"	All
TL-745	Allis-Chalmers WC	All
TL-746	Allis-Chalmers "B"	1937-42
TL-747	Case "L"	1934-38

These custom designed light sets contain all necessary parts to equip your tractor with lights. Brackets have been specially designed to fit on the models listed. Installation is easy, and complete illustrated instructions are included with each set.

Lights are swivel type for easy adjustment. Generator is high output type equipped with cut-out and ammeter. All pulleys, brackets, belt and terminals are included in set.

Complete kit contains 100 watt, 6 volt generator, mounting brackets, 2 late type floodlights, pulley, belt, ammeter, switch, cutout, battery terminals, and wiring. For use with any 6 volt storage battery. (Battery not included).

**LIGHTS BURN WITH EQUAL
BRILLIANCE WHETHER MO-
TOR IS RUNNING OR NOT.**

SEALED BEAM FLOODLIGHTS

GENUINE MAZDA 6 VOLT, FLOOD LENS

Sealed Beam type with lens, reflector, and filament made in one hermetically sealed unit. Lamp assemblies are heavy steel stampings with baked enamel finish. Brackets of heavy steel casting with two hole mountings. Lamps on swivel base permitting turning and tilting to desired angle.

Stk. No. TL-750. Specify how many lights you want. Complete with adjustable mounting brackets, short lead wire, switch.

ONE LIGHT, complete with switch, 5 lbs. Each **\$3.95**

TWO LIGHTS, complete, 1 switch, 9 lbs. Set **\$7.65**

THREE LIGHTS, complete, 1 switch, 14 lbs. Set **\$11.25**

MAZDA SEALED BEAM UNIT FOR ABOVE LIGHTS.

Stk. No. TL-751—HEADLIGHT TYPE BEAM. Each **\$1.29**

Stk. No. TL-752—DIFFUSED FLOODLIGHTS. Each **\$1.29**



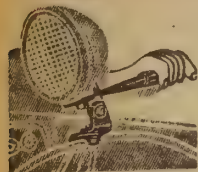
FULL-VIEW TRACTOR LIGHT



Be safe and sure when operating your tractor and implements at night! Install specially designed full view tractor and implement lights and you will have daylight for night-time operation. Special reflector throws a brilliant flood of light in all directions, covering a full 40 ft. circle. Universal adjustable mounting bracket attaches light on any convenient surface.

FULL-VIEW LIGHT has 8 in. guaranteed unbreakable plastic lens, 50 CP bulb, brackets, lead wire and switch.
Stk. No. TL-753—Ship wt. 2 lbs. Each **\$5.75**

TRACTOR SPOTLIGHT BRACKET



Give your present fixed lights the benefit of full 360° rotation up and down and in a complete circle. Brackets are included for mounting on any type of surface. Can be installed in 15 minutes.

Lamp not included.

Stk. No. TL-757—4 lbs. Each **\$3.85**

BUY A PAIR AND SAVE Pair **\$7.25**

FAN & GENERATOR V-BELT DRIVE



Cylinder head mounting, does not interfere with other mounted implements. Kit for REG. and F-20 includes double groove V-belt pulley, V-belt lower pulley, generator mounting bracket. Kit for late F-20 without V-belt lower pulley.

Stk. No. H351—REG. & F-20—12½ lbs. **\$11.75**

Stk. No. H350—LATE F-20, 8½ lbs. Kit **\$7.95**

BATTERY CARRIER



All steel, open type construction prevents battery from over-heating and corroding as with box types. Fits standard batteries. Size 7½" x 9¼". Each with adjustable height.

Stk. No. TL-999
4 lbs. Each **\$2.19**

TRACTOR TIRE CHAINS

Heavy Duty Cross Link Type

TIRE SIZE	STK. NO.	WT. LBS.	PRICE
8-32, 6.50-32	TC-203	104	\$25.95
9-24	TC-204	97	23.95
9-28, 10-24	TC-205	114	24.50
11-24	TC-207	125	27.95
9-00-24, 10-00-24, 10-28, 10-50-24	TC-208	128	27.95
9-32, 9-00-28, 11-26, 11-25-24	TC-209	129	28.50
9-36, 10-30, 10-32, 11-28, 10-50-28, 10-00-28, 11-00-28, 11-25-28, 11-25-26	TC-211	145	\$1.95
9-38, 9-40, 10-36, 11-25-32, 9-00-36	TC-212	158	32.95
10-38, 9-00-38, 10-50-36, 10-00-36	TC-214	173	35.95
10-40, 11-36, 11-38, 11-25-36, 10-00-38	TC-215	176	38.95
11-40	TC-216	183	39.95
13-24	TC-219	141	32.95
13-00-24, 14-00-20, 12-75-24	TC-220	157	33.50
13-26, 13-50-24	TC-221	158	37.95
13-28	TC-223	156	37.50
13-30, 14-26, 13-50-28	TC-225	175	38.50
13-36, 14-30, 14-32, 14-34, 15-28, 15-32, 13-50-32, 12-75-32, 12-36, 12-38	TC-227	190	42.50

- Positive Traction
- Self-Cleaning Links
- Sure-lock Device

Heavy steel chains will provide positive traction in the worst weather, under the most severe conditions. The large links are self-cleaning and rolling action prevents mud or ice from packing. Bite links cannot twist or turn over to bind side chains which causes much chain breakage.

Cross members are fully case hardened to withstand the hardest wear, while the side links are tough to stand the strains and stresses of pulling without breaking.

All chains are equipped with a new type of locking device. One man can easily put on a set of chains, and once locked, will stay locked until removal is necessary. They cannot open by backing up or twisting, and cannot freeze to make removal difficult.

NOTICE: Before ordering chains, see your tractor tire markings for exact size. Order by tire markings and stock number.

**CHAINS ARE NOT PREPAID
SHIPPED FREIGHT COLLECT**

Patented Connector in "X" member. Holds bite links upright for traction.



**Low As
\$23.95
SET**

"X" cross members are case hardened for wear. Side chains are tough and resilient.



LOG AND TOW CHAINS

Electric welded, low carbon steel with grab hook at each end. No swivel.

Size	Proof Test	Safe Load	Stk. No.	Wt.	Each
¾"x14'	4,800 lbs.	2,000 lbs.	TC-102	15	\$4.50
1"x14'	7,200 lbs.	3,000 lbs.	TC-103	23	6.45
1½"x14'	13,000 lbs.	5,000 lbs.	TC-104	41	10.95

HI-TEST TRACTOR TOW CHAIN

High carbon alloy steel, light in weight yet more than twice as strong. Heat treated. Easy to carry, yet pulls heaviest loads.

1½" thickness, 16 ft. long, grab hook at each end. Safe working load up to 5 tons.
Stk. No. TC-105. 47 lbs. **\$14.95**

MAKE YOUR OWN HYDRAULIC POWER LIFT

HYDRAULIC CYLINDERS

... WITH 2-WAY POWER STROKE

- Complete Power Control Without Leaving Your Tractor Seat
- Uses Maximum Capacity of Your Hydraulic System Without Bending or Distorting

TODAY, Hydraulic Power has replaced the mechanical lifts of YES-TERDAY! Enjoy the convenience of trouble-free hydraulic operation of all your farm equipment. This modern way saves you Time, Labor, and Money—EVERY DAY! Installation is easy . . . and the cost is surprisingly low if you select your Cylinders, Pumps and Parts from this page.

2 1/2" BORE HYDRAULIC CYLINDER



Extended 37"
Retracted 27 1/2"
Stroke 9 1/2"

Cylinder barrel is 11 3/4" long, made of 3" seamless steel tubing; interior is ground and polished to mirror finish. Piston made of aluminum bearing alloy with 1" connecting rod shaft of hardened steel. Pressure sealed with latest type Neoprene "O" rings seal for long life. Threaded inlet and outlet holes to take 3/8" hose lines. (Hoses listed separately.)

Stk. No. 50A45—Ship. wt., 18 lbs. Each **\$19.95**

3" BORE HYDRAULIC CYLINDER

Extended 31"
Retracted 20 1/4"
Stroke 10 3/4"



Husky . . . Dependable . . . Lightweight . . . built to rigid ASAE Standards for those who want the finest in hydraulic cylinders. Heavy duty type to withstand the hardest farm use and always be on the job. End caps, piston and clevis rod end are made of corrosion-resistant, die cast aluminum alloy. All exposed steel parts are cadmium plated. Cylinder wall is of the best quality seamless steel tubing. Rust-proof piston ram. Four aircraft seals hold operating pressure to 1,200 p.s.i.

Positive action 2-way power stroke will easily develop the maximum capacity of your hydraulic system.

Designed according to the present standards for manufacturers of new equipment. Streamlined . . . lightweight for easy handling and installation—will fit all of your present implements. Oil ports are threaded to fit standard 3/8" hose connections. Both ends standard clevis to fit 1" diameter cross-pins. Cylinder is complete less hoses. (Hoses listed separately.)

Stk. No. 50A40—Ship. wt., 18 lbs. Each **\$28.50**

HYDRAULIC HOSE



Flexible High Pressure Type
Reinforced—Oil Resistant



A Dependable Hydraulic System Needs High Quality Hose Lines! And these are the best . . . made of oil resistant, high quality seamless rubber with 1 layer of wire braid for maximum protection and safe flexibility. Light in weight and very flexible, these hoses are for hydraulic use on machinery, industrial equipment, scrapers, etc. Hose is 3/4" diameter for all standard hydraulic cylinder applications. Recommended working pressure up to 1200 lbs. Hose fitted with 3/8" end fittings, one end with swivel head for ease in coupling. End coupling with square shoulder for wrench tightening.

LENGTH: 3 Ft. Stk. No. 50A47 Wt. 2 lbs. Each \$ 3.25

LENGTH: 6 Ft. Stk. No. 50A46 Wt. 3 lbs. Each \$ 5.45

LENGTH: 9 Ft. Stk. No. 50A49 Wt. 4 lbs. Each \$ 8.95

LENGTH: 12 Ft. Stk. No. 50A48 Wt. 5 lbs. Each \$10.95

REPLACEABLE END FITTING—3/8" male thread. To replace end couplings on all 3/4" hydraulic high pressure hose lines.
Stk. No. 50A36—Ship. wt., 1/2 lb. Each **\$1.15**

MODERNIZE YOUR JOHN DEERE POWER LIFT

NEW VALVE ASSEMBLY WORKS LIKE 1948 MODELS RAISE—STOP—RAISE AGAIN WITHOUT LOWERING

5 Positions at Your Fingertips

You can lift a load part way, fast or slow; hold it while moving the tractor, then re-raise without first lowering. You have five control positions—two UP (fast and slow)—two DOWN (fast and slow)—and HOLD.

These 5 positions are illustrated in the phantom picture at the right. You can imagine the convenience when working with a hydraulic loader, or with your cultivator or any other implement.

John Deere recognized the need for an improved control of this type and incorporated similar performance into the very latest models of A and B production.

Any load or implement can be raised, lowered, re-raised, lowered, stopped at any point, any time.

Fits 1937-46 John Deere A or B

The original control valve on 1937-46 Deere A and B power lifts required you to reset after holding. This new control valve changes and improves the power lift so that you can operate like the 1947 models.

NO DRILLING OR MACHINING REQUIRED

The kit contains all parts and fits right in without the use of any special tools or machine shop operations. Thousands of Deere owners have modernized this operation and report enthusiastically over the change.

Stk. No. X-1039.
All parts complete.
Ship. wt., 6 lbs.

\$24.50

4-WAY HYDRAULIC PUMP

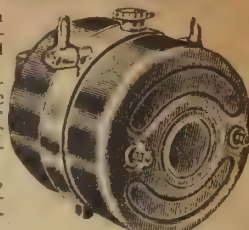
Equip your tractor with the newest in hydraulic power for faster performance of farm work without difficult and dangerous mechanical lifting.

The equivalent of two pumps in one—permits the operation of two hydraulic implements at once, as with a loader and stacker attachment, or gives power action both ways with new type hydraulic cylinders.

Develops up to 1000 pounds pressure, mounts direct on power takeoff, operates at 250-750 r.p.m., and large reservoir holds 2 1/2 gallons of fluid.

3 Gear double pump, with double control valves and double discharge ports for operating two circuits. Balanced valves return to neutral from any position. Safety unloader valve, built in filter, hard alloy steel shafts, 2 1/2 gallon built in reservoir, flexible coupling to power takeoff shaft, light weight (40 lbs.).

COMPLETE WITH MOUNTING BRACKETS FOR YOUR TRACTOR
Specify exact Make, Model, Year Built, and Serial Number
of Tractor, Stk. No. 50A69, Complete **\$77.50**



HYDRAULIC VALVES



Easily operated hydraulic valves for use as required when adapting hydraulic pumps to multiple implement operation. Fully machined pressure seats, hold full pressure securely. Valves are complete, ready to install, hoses NOT included.

MULTIPLE UNIT VALVE

For use in hydraulic systems which now have single acting control only—to convert for control of both single and double acting implements.

For example, to operate a two-way pushoff stacker in connection with hydraulic loader. You can raise or lower the loader itself, and direct pressure to either push off or return the stacker mechanism. **\$28.95**
At left, Stk. No. 50A67.

DOUBLE ACTION VALVE

For converting single acting systems for use of two-way pressure hydraulic cylinders, as in raising or pressure lowering a plow. At right, Stk. No. 50A68. **\$14.95**

HYDRAULIC SNAP COUPLER

Just what you need to simplify connecting and detaching hydraulic lines. Couples and uncouples like a railroad air line—seals both ends against loss of hydraulic fluid. Easily operated by hand without tools, attaches and detaches with spring action, locks securely and cannot come apart accidentally. Order one complete unit, either 3/8" or 1/2" to attach to pump line, and it comes with one end fitting for implement Complete Coupler line. Order additional End Fittings for Stk. No. 19A32, 1 1/2 lb. **\$7.50** extra. Implement lines to work with same Extra End Fitting. coupler line to pump. Stk. No. 19A32X, 6 oz. **\$2.00**



FITS 3/8" & 1/2" HOSES

BREAKAWAY COUPLERS



PROTECTS HYDRAULIC LINES
IN EVENT OF ACCIDENT
DOUBLE COUPLER FOR 2
LINES—UNCOUPLES and SEALS
BOTH LINES AT ONCE.
PREVENTS FLUID LOSS
and KEEPS AIR FROM
ENTERING SYSTEM

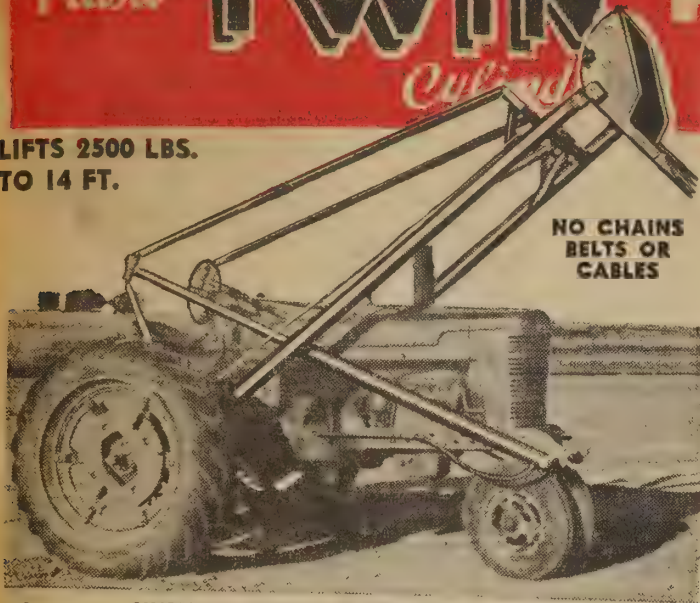
Automatic Seal When Uncoupled Fits 3/8" or 1/2" Hose Lines

The biggest headache in hydraulic operation comes when plow or implement is disconnected from tractor accidentally—hose lines are fouled . . . fluid is lost . . . air enters system . . . and pump can be permanently ruined by the entrance of dirt and other foreign matter. Avoid this hazard by installing the new Aeroquip Breakaway Coupling. It is a TWIN unit connecting both pressure and return lines between tractor and implement when using 2-way power pump and cylinder. An external tug disconnects either or both lines. Automatically sealed. Trigger release for manual uncoupling.
Stk. No. 50A37—COMPLETE UNIT—Ship. wt., 6 lbs. Each **\$22.00**



Trasco **TWIN** Hydraulic Loader

**LIFTS 2500 LBS.
TO 14 FT.**



**NO CHAINS
BELTS OR
CABLES**

SIMPLIFIED HYDRAULIC PUMP, 4-WAY VALVE

We supply a new style, simplified hydraulic pump which fits on to the power take-off on all tractors listed (except Farmall H and M, Deere A and B which have built-in pump). The matched pistons do the lifting. Pressure of oil from the pump forces the pistons up the cylinders, giving the power which lifts the arms. 4-way valve (2 control handles) permits operation of two hydraulic attachments on same tractor.

GUARANTEE

Each Trasco Loader is **GUARANTEED** to be correctly designed to perform the tasks claimed, to be made of materials free from defects, and to stand up under operations recommended for it. Any defective part will be replaced without charge when returned to us. Accident or abuse damage is the responsibility of the owner.

LIFTS • LOADS • MOVES • DUMPS

Using Your Tractor's Power!

**CUSTOM MADE TO FIT EACH MODEL
SHOWN IN APPLICATION TABLE BELOW**

- Heavy Steel Construction—Engineered to Stand Heavy Strains
- Easy to Operate—Only 2 Controls—Both Within Easy Reach
- Twin Lift Hydraulic Pistons and Powerful Steel Arms Will Handle Loads Up to 2,500 Lbs., Lift Them Up to 14 Feet
- Easily Handles Anything That Can Be Lifted, Loaded or Moved

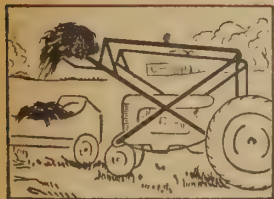
RUGGED, COMPACT, ALL-STEEL

Trasco Twin-Cylinder Hydraulic Power Loader, the simplest loader ever offered for farm use. No tricky cables, rigging, chains, etc. Cylinders and main lift members made of 3" tubular steel, reinforced to eliminate damage. Engineered to stand strains much greater than encountered in ordinary use.

TAILOR MADE, GIVES FULL VISION, AMPLE CLEARANCE

Each model has mounting brackets specially designed to fit the tractor on which the loader is to be used. Clean streamlined design provides you with full vision in all directions. Closely fitted, does not offer obstruction in tight places. Fits any place big enough for the tractor.

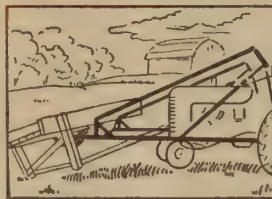
Each Trasco Loader is shipped complete with hydraulic arms and pistons, radius arms, main lifting arms, manure bucket with removable dirt plate, all necessary arms and brackets to fit, and hydraulic hoses. As listed below, some IHC and Deere models use the hydraulic pump built into the tractor. The others include a complete hydraulic pump with mounting brackets and couplings.



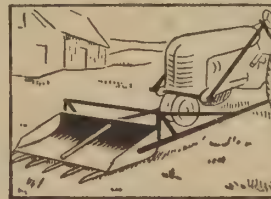
Use It to Fill Your
Manure Spreader



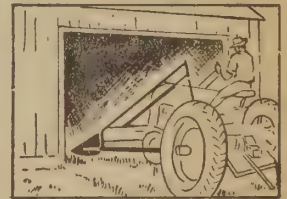
Use It for Stacking or
Loading Hay



Use It for Lifting,
Loading, Moving



Attach or Remove
with Just 6 Pins



Will Go Anywhere the
Tractor Itself Fits

LOADER ATTACHMENTS

Fit All TRASCO, Sargent, Horn, and David Bradley Loaders.

PUSH-OFF STACKER

Reduces haying time 75%, lifts 17 to 19 feet high, 10' wide, teeth 9" long Hydraulic action both ways.

Stk. No. 50A25

\$229.50

The Trasco stacker will buck your hay in the field, carry it to the stack, raise it, and push off onto the stack. Builds stacks 20 feet and higher. Complete and ready to install on Loaders having 4 way pump. For others, write for valve information.

HAY HOIST BOOM

Telescoping boom, lifts to 22', handles 1500 lbs. Use it for stacking or feeding hay, all big lifting jobs.

Stk. No. 50A23

\$58.50

BUCK RAKE

Stk. No. 50A22
\$92.50

Rake is 9' wide, teeth 8' long. For bucking hay in the field, does not push off.

SNOW and GRAIN SCOOP

Heavy steel bucket, rounded design. 80" wide, 24" high, 36" deep. Stk. No. 50A20

\$92.50

BULLDOZER

Heavy steel one piece blade, 80" wide, 16" high. For grading, leveling, terracing. Stk. No. 50A21

\$43.50

HYDRAULIC OIL

Special Non-Foaming Hydraulic Fluid for Loaders where high pressures are developed. 5 gallon kerosene can. Stk. No. 50A30

\$4.95



FOR ROW CROP TRACTORS

For Tractors Equipped with built-in hydraulic pump: IHC, H and M, all with row crop front wheels Deere A and B, all with row crop front wheels

\$26450

For Tractors NOT Equipped with Hydraulic Pump, Price INCLUDES new 4-way pump and brackets: IHC Farmall Regular, F-20, F-30, "C" Allis Chalmers WC, WD, B wide front, C row crop. Case CC, DC, SC, VAC. Deere A, B, G, GM row crop (specify whether 1 1/2" or 1 3/4" P.T.O. shaft size. Massey Harris 101 Jr., 101 Sr., 44, 44-6, 30, Minn. Moline UTU, BTU, ZTU. Oliver 60, 70 (1933 & up) 88 row crop. Co-Op row crop, Cockshut 30, Farmerest 30

FREE!

5 Gal. Can of Hydraulic Oil Free with Each Trasco Loader.

\$33950

FOR WIDE TREAD TRACTORS

Price does not include pump. Add \$77.50 for pump and pump brackets if tractor has no built-in pump. IHC H wide front, M wide front, W-6, W-9, T-6. Deere D standard, BR. Case LA, DO wide front. Oliver 70 wide front, 88 wide front. Massey Harris 30, 44, 55 wide front.

\$33500

SURE TO SPECIFY THE MAKE, MODEL & YEAR OF YOUR TRACTOR

SPECIAL TRASCO LOADER for FORD

Same scientific Trasco Twin Cylinder Lift principle adapted to fit standard Ford Tractors, 1939-48, and to work with built-in hydraulic system. Each complete with hydraulic arms, pistons, manure bucket, and all necessary fittings and hoses.

TRASCO LOADER for FORD, 1939-48.

Stk. No. 50A19

\$24950

Loaders Installed **FREE** at Any Branch

WE DO NOT PAY FREIGHT ON LOADERS

Trasco QUALITY FARM EQUIPMENT

Heavy Duty FARM WAGON

WITH ADJUSTABLE BED HEIGHT FOR DOUBLE UTILITY

EASILY CARRIES 6000 LBS.
The Trasco Farm Wagon combines extra strength with valuable versatility. It is a heavy duty wagon with super size axles, steel channel reach and bridge type bracing instead of the usual iron pipe tubing construction.

In corn picking season you need height on the wagon box—use your Trasco wagon as pictured with the extra bolster cross pieces.

In grain and haying time you want a low bed wagon with extra capacity—remove the extra bolster pieces and you have it.

SHORT TURNING RADIUS
Wagon turns in 10 foot circle when box is mounted above tires. Inner wheel turns on sharper angle to eliminate drag. New type semi-automatic adjustable stop prevents rubber wear.

COMPARE THIS CONSTRUCTION:

Super Size Axles— $5\frac{1}{2}$ " deep by $3\frac{3}{4}$ " channel steel, $\frac{3}{4}$ " thick. Bridge reinforcing. $2\frac{3}{4}$ " Front Hitch, $\frac{3}{4}$ " thick steel.

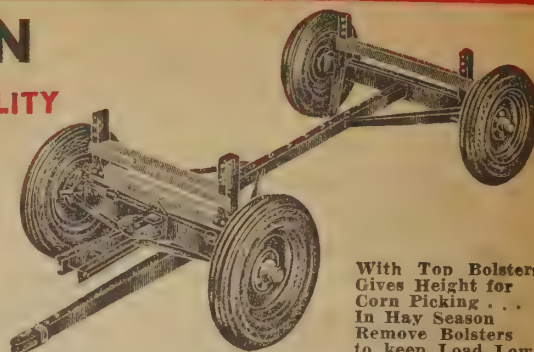
Channel Steel Adjustable Reach—Length adjusts from 7 feet to $11\frac{1}{2}$ ", takes racks up to 15 feet. Heavy channel steel instead of iron pipe tubing.

Double Timken Bearings—Larger than usual, take extra loads, grease and dirt tight.

12" Square Steel Stakes—Adjustment holes 2" apart for extra bolster height, adjusts for 28" to 42" widths.

60" Track, $12\frac{1}{2}$ " Road Clearance—Extra stability with plenty of height for rough ground. Weighs 420 pounds less tires and without extra bolsters.

Disc Wheels—Take 6.00x16 to 7.00x16 tires.



With Top Bolsters Gives Height for Corn Picking... In Hay Season Remove Bolsters to keep Load Low.

WAGON COMPLETE, as pictured above but WITHOUT tires and tubes. Complete with double bolster pieces. Stk. No. X-1101 **\$129.95**

WAGON Without Extra Bolster Cross Pieces, WITHOUT tires and tubes. Stk. No. X-1100 **\$114.95**

EXTRA Bolsters Only—For converting Wagon X-1100 to X-1101, Stk. No. X-1102 **\$16.50**

F.O.B. Factory in Iowa—FREIGHT COLLECT. Store Prices Slightly Higher.

MECHANICAL WAGON HOIST

Stands 4 Ft. High
Raises 44 In.
Lifts 3 Tons



Once you start using this handy wagon hoist you'll wonder how you ever got along without it. Ideal for many lifting and utility jobs on the farm. Portable—weighs only 80 lbs. All steel

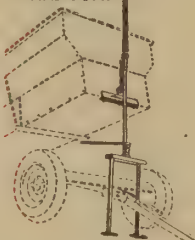
construction, lift parts case hardened for a lifetime of safe use. Hoist is complete with lever bar and plate bracket for attaching to wagon.

Stk. No. X-1105—Ship. wt. 85 lbs. Each **\$46.95**

EXTRA WAGON PLATE IRON for using lift with more than 1 wagon. X-1106—5 lbs. Each **\$2.00**

HYDRAULIC WAGON HOIST

HYDRAULIC HAND PUMP

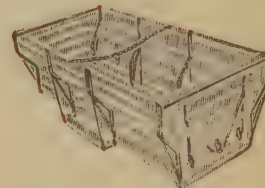


Weights 65 Lbs.
Raises 38 In.
Lifts 3 Tons

HANDLES ALL YOUR WAGONS. Here is real economy, plus being a great time saver. Equip all your wagons with eye plates, regardless of size, and use this hydraulic hoist. Fast pumping—one man can dump load in one minute. Patented breather cannot jam or air lock. Lowers box when relief valve is tripped. All metal construction assures trouble-free operation. Easy to use—all you do is adjust rack and paul ring to height of bed above ground. Hook is slipped into eye plate and up she goes. Complete; jack & plate.

50A85—Ship. Wt. 70 lbs. Each **\$63.00**
50A86—Extra eye plates, 4 lbs. Each **\$4.00**

WAGON BOX KIT



Build Your Own Wood Flare Box

Here is the complete kit that contains all the pieces you need to make a fine Flare - Type Wagon box. All you need is the lumber and bolts to attach. 21

Hardware Pieces in Kit. Kit contains: 8 side channel irons, 4 side brace rods, 2 wagon box rods, 2 end gate side rods, 1 end gate lift rod, 1 lift rod holder, 2 end gate clips for side rods, and 1 spreader chain. Easy to assemble; no special tools needed. After your lumber is bolted in place you will have one of the finest wagon boxes you have ever seen... and at a surprisingly low cost to you.

51A30—Ship. wt. 70 lbs. Kit **\$18.95**

WHEELS, HUBS, SPINDLES

See how inexpensive it is to put your implements on roller bearing automotive type wheels!

ALL STEEL WHEELS

Drop center type wheels that take standard 6.00-16 tires (tires not included). Riveted and welded with extruded spokes and double thickness spider for heavy duty use. Ford type lug drilling. 5 holes on $5\frac{1}{2}$ in. circle.

49A50—Ship. wt. 20 lbs. Each **\$5.25**

STUB AXLE ASSEMBLY

$1\frac{1}{2}$ in. square forged steel stub axle and spindle assembly. Complete with machined hub, 2 Timken roller bearings and bolts. Fits wheels listed above.

49A51—Ship. wt. 12 lbs. Each **\$9.85**

58 IN. AXLE ASSEMBLY

$1\frac{1}{2}$ in. square, forged alloy steel axle. Complete with spindles, Timken bearings, lug bolts, etc. Wheels not included (use wheels listed above).

49A52—Ship. wt. 55 lbs. Each **\$21.50**

TELESCOPING HITCHES

TRACTOR & WAGON HITCH with Telescoping and Automatic Coupling device. Enjoy greater convenience and time saving—couple your load by merely backing into it! Uncouple by lifting release handle. Extends from 5 ft. to 9 $\frac{1}{2}$ ft. Adjustable hound. Front; 9 $\frac{1}{2}$ in. to 15 in. Rear; 17 $\frac{1}{2}$ in. to 22 in.

51A45—Ship. wt. 66 lbs. Each **\$19.50**

4 WHEEL TRAILER HITCH, Telescoping type with Box End for any standard trailer or implement. Long adjustment range—79 in. from clevis pin to bolt hole closed, extends to 11 ft. Coupling width adjusts by 16th from 4 in. to 4 $\frac{3}{4}$ in.

51A46—Ship. wt. 50 lbs. Each **\$14.95**

ADJUSTABLE HOUND that fits any standard wagon. Front adjustment 9 $\frac{1}{2}$ in. to 15 in. Rear adjustment 17 $\frac{1}{2}$ in. to 22 in. Durable steel construction.

51A47—Ship. wt. 18 lbs. Each **\$4.95**



FLAREBOARD IRONS



Add a flareboard for extra wagon capacity, or for use at corn picking time. Economical to buy—Easy to install when you have this set of irons. 4 pair of irons in set that will fit any wood wagon, straight or flare. Matched holes to fit any size board that can be secured with ordinary nuts and bolts.

51A31—Ship. wt. 19 lbs. Set **\$5.25**

SURE-LOCK GRAIN GATES



Check these features:

- ✓ ALL STEEL CONSTRUCTION
- ✓ EASY TO OPEN & CLOSE
- ✓ LOCKS IN POSITION
- ✓ CAN'T OPEN ACCIDENTALLY
- ✓ EASY TO INSTALL

If you are using old fashion, makeshift grain gates that are hard to open and close—that often open by themselves resulting in costly grain losses—here is the grain gate you have been looking for... at a price you can afford!

SURE-LOCK GRAIN GATE is made of heavy steel that will give you years of trouble-free service. Channel guides at each end permit multiple lever action for easy opening and closing—even while grain is flowing. Foolproof past center locking action keeps operator in complete control of the flow of grain at all times. Gate will lock in any desired position and remain there until changed by operator, eliminating constant attention. When gate is closed, it positively cannot open accidentally due to vibration, road shock or any other common cause.

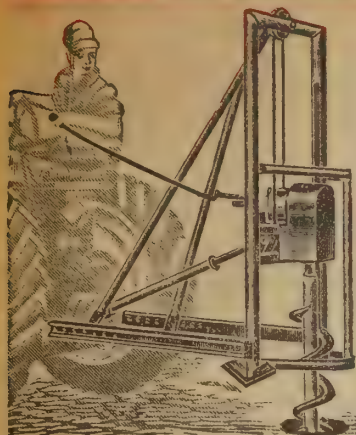
SURE-LOCK GRAIN GATE is quickly and easily installed with regular farm tools. Save extra time and money by installing one on all your grain boxes, elevators, etc.

SPECIFICATIONS: Plate: 21x9 in. Guides: 12x1 $\frac{1}{2}$ in. with $\frac{3}{4}$ in. channel. Handle: 10 in. long. Grain Opening: 8x20 in. Six $\frac{3}{4}$ in. holes for mounting.

Stk. No. X-921—Ship. wt. 17 lbs. Each **\$6.85**

Trasco QUALITY FARM EQUIPMENT

POST HOLE DIGGERS



Choice of 3 types to fit your needs. All 3 of these diggers are ruggedly built along simplified design lines for ease of operation and years of trouble-free farm service.

Our Champion and Economy Diggers will fit any standard Row-Crop tractor model. Power is supplied from rear Power Takeoff shaft of tractor so be sure to specify if your tractor takes 1 1/4" or 1 1/2" splined coupling when ordering.

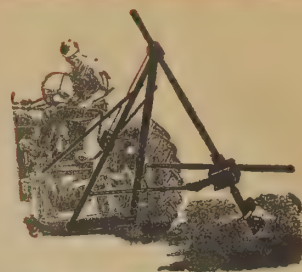
CHAMPION ONE MAN DIGGER

The finest post hole digger on the market with dozens of extra features. One man can dig 600 holes a day without ever leaving the tractor seat. Digs a 9" hole 40" deep in 19 seconds, holes clean, even, straight down, with dirt piled evenly around for filling.

Operates with 1 control, easily reached from tractor seat. Can be installed or detached in a few minutes. Digs straight down, can be adjusted for hillside digging. Exclusive fence guard prevents damage when backing into standing fence. Has safety shear pin, steel cut gears, cone type clutch. 6" or 12" auger supplied on special orders.

CHAMPION DIGGER. Complete with 9" Auger.
Stk. No. 51A26. Specify make, model, and PTO size.

\$219.50



ECONOMY DIGGER

\$119.50

CHAMPION DIGGER for FORD

Same quality digger as Regular Champion described and pictured above, but tailor made to fit All Ford and Ford-Ferguson tractors. Up and down action is controlled by the tractor's hydraulic lift. Completely controlled from the tractor seat, simplified one man operation. Fastest, most accurate, easiest operated digger for Ford tractors.

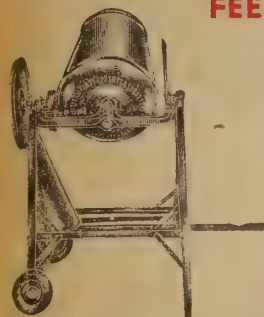
Stk. No. 51A27.....

\$219.50

For the farmer who wants a top quality digger for occasional use. Sturdily built, digs fast, but requires two men for best operation. Digs holes vertical or at selected angle. Clean, even, straight holes with dirt piled around. Attaches or detaches in a few minutes.

Two men can do a week's work in a day. The operating bar enables the ground man to guide auger to exact spot and to apply pressure to help penetrate hard pan or other baked soils. Permanently sealed, well lubricated gear case with cut steel gears. 9" diam. Auger. Stk. No. 51A25. Specify model and P.T.O. shaft size.

FEED AND CONCRETE MIXERS



Each mixer listed below can be used for mixing feed and seed, or for doing necessary concrete work.

All are specially built for farm operation with choice of gears and pulleys to suit individual needs.

3 CUBIC FOOT CAPACITY

PORTABLE MODEL as pictured. Strong frame. Heavy axle and rubber tired wheels for highway travel. 19" V pulley drive for use with either gas or electric motor.

Stk. No. 51A80—PORTABLE MODEL. Each..... **\$59.95**

ABOVE MODEL SHIPPED FREIGHT COLLECT NEAREST BRANCH

STATIONARY MODEL—Same as mixer described above, but with stationary type frame. 19" V pulley drive. For use with gas or electric. Stk. No. 51A81—STATIONARY MODEL. Each **\$43.95**

3 1/2 CUBIC FOOT STATIONARY MODELS

FLAT PULLEY for tractor belt drive, 16"x3" size. Semi-steel construction, loads and dumps from either side. Stk. No. 51A82—FLAT PULLEY STATIONARY MODEL. Each **\$49.95**

V PULLEY for gas or electric motor, 19" size. Stk. No. 51A83—V PULLEY STATIONARY MODEL. Each **\$52.95**

ABOVE MODELS SHIPPED COLLECT FROM FACTORY WATERLOO, IOWA

ELLIS CONTOURLINER

- Lays Contours Lines While Plowing or Planting
- Eliminates Need of Staking and Surveying

No longer is it necessary to stake out guide lines from year to year for contour plowing and planting. The time and money used for staking and surveying are **SAVED!** because Ellis Contourliner does all the work for you.

Mounts on the hood of any tractor—in full view of the operator—and makes possible the running of level contour lines every foot of the way across a field, around points, and on shallow or steep slopes. Size. 8 1/2"x3 1/2"x4".

Ruggedly constructed to give you years of trouble-free service. Gravity operated level mechanism consisting of leakproof aluminum cast case with a T-shaped brass pendulum mounted on brass pivot bearings. Dial is calibrated in percent of slope and shows instantly when tractor moves above or below contour line. Sealed plastic face over indicator is non-breakable.

Stk. No. 3E-98—Ship. wt. 3 1/2 lbs.....Ea. **\$19.95**



Mounts on Tractor Hood

HAY ROPE PULLEYS



KNOT PASSING MALLEABLE FRAME (at left). Iron axle, with swivel. 6" sheave of seasoned maple treated with linseed oil. Takes 3/4", 7/8", or 1" rope. Stk. No. 19A3. 3 1/2 lbs..... **\$1.25**



KNOT PASSING STEEL FRAME (at right). Flared edges keep rope from cutting. 6" seasoned maple treated sheave. Takes 3/4", 7/8", or 1" rope. Stk. No. 19A2. 3 1/2 lbs..... **\$1.10**

HOLLAND Automatic SAFETY RELEASE HITCHES



Hitch Implements to Tractor Without Leaving the Seat

POSITIVE ACTION, SPEEDY COUPLING

Attaches permanently to drawbar of tractor and can be used to pull any implement equipped with lap ring. Order one hitch and as many rings as you have machines to pull. Couples like a locomotive. Set the trigger by hand, back up to the implement and as the ring enters the hitch it trips and you are coupled. Drive away without leaving the seat. To uncouple, press release lever with hand or toe. No need to dismount. Trigger is set for next coupling.

TENSION TRIP SAFETY RELEASE

After the first coupling, action is entirely automatic. An unusual and highly desirable safety factor is the tension spring release which will automatically uncouple if implement strikes a stump or rock, or otherwise exceeds the drawbar safety factor. Free the tow and re hitch. May be set for either light or heavy pulls. Positive protection from that unforeseen misadventure.

Heavy duty hitch—Adjustment for loads 1500 to 8500 lbs. For gangs up to 5 plows.

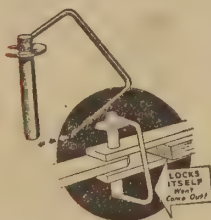
Stk. No. 25A99. 16 lbs. Each.....

Lap Ring Only for above hitch.

Stk. No. 25A98. 4 lbs. Each.....

\$7.25

\$1.75



EASY HITCH PIN

Works like a safety pin. Line up tractor and implement, slip pin in place, swing down the catch and with a click it locks itself in place. Won't work loose or bounce out. Saves time, prevents mishaps, gives positive coupling. Available in two sizes.

Stk. No. 19A66 5/8" pin..... **59c**
Stk. No. 19A67 3/4" pin..... **69c**

Ship. wt. 2 lbs.

TRACTOR CLEVIS

Heavy duty type, round forged steel with screw pin.

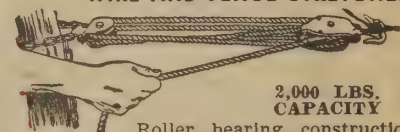
TWISTED CLEVISES

3/4" Thickness, opening 3/4"x5". Each, **45c**
Stk. No. 19A41. 2 1/2 lbs.
3/4" Thickness, opening 1 1/4"x5". Each, **69c**
Stk. No. 19A42. 3 1/2 lbs.
1" Thickness, with 7/8" pin, opening 1 1/2"x4 1/2". Each **\$1.29**
Stk. No. 19A38—4 1/2 lbs.

OVAL TRACTOR CLEVISES

3/4" Thickness, opening 1 1/2"x5". Each, **45c**
Stk. No. 19A43. 2 lbs.
7/8" Thickness, opening 1 1/2"x5". Each, **69c**
Stk. No. 19A44. 3 lbs.

WIRE AND FENCE STRETCHER



2,000 LBS. CAPACITY

Roller bearing construction. All steel type with 4 sheaves, never-slip safety lock. Complete with 16 ft. of 3/8" rope, 30' of chain and necessary hooks.

Stk. No. 25A48—Ship. wt. 5 lbs.....Ea. **\$2.29**

LOAD BINDER



12" Lever with 2 1/2" takeup. Uses 3/4" chain. Each with 1 swivel, 2 hooks.

Stk. No. 25A44—Ship. wt. 3 lbs.....Ea. **\$1.79**

20" T Beam Handle with 4" takeup. Uses either 1/2" or 3/4" chain. Each with 2 alloy swivels and hooks.

Stk. No. 25A45—Ship. wt. 11 lbs.....Ea. **\$3.25**

PLOW ROPE HOLDER



Automatic Release. Sturdy and practical plow rope holder that will release automatically if plow uncouples.

Made of lightweight, long lasting cast aluminum with heavy steel spring. Attaches to tractor seat or fender.

Stk. No. 18A48—Ship. wt. 1/2 lb..... Ea. **98c**

OUR BUSINESS IS BUILT BY SATISFIED CUSTOMERS

Page 25A

NO-KRAK GRAIN BLOWER

**LIFTS ANY GRAIN OR FEED—TO A HEIGHT OF 30 FEET
NO LOSS DUE TO CRACKING—AIR CUSHIONED, AIR LIFT**

Moves 1200 Bushels Per Hour

5 Minutes to a Wagon Load

The Trasco No-Krak Grain Blower lifts ANY Grain or ground Feed WITH PERFECT SAFETY. A new principle is employed, and actually lifts the grain on a cushion of air. Tests show that dry grain starts to crack when contacted by an impeller moving over 6000 feet per minute, a speed within the range of some blowers on the market. Yet the New Trasco lifts to a full 30 feet, at the terrific speed of 1200 bushels per hour, with the impeller unit never exceeding 3250 fpm.

The Trasco Blower handles any Grain or Feed - Wheat, Corn, Oats, Barley, Kaffir, etc., with perfect safety even to seed grains. Grain is lifted on a cushion of air, with no danger of cracking damage.

The rotor unit is the only moving part - It is mounted on sealed self-aligning bearings that require lubrication only twice a season. The complete outfit is rugged and durable, yet light enough to be transported from place to place.

Recommended operating speed is 800 to 1200 rpm depending on the grain to be moved. Best operation is from tractor belt or power takeoff, but a separate gas engine of 4 to 5 HP can be used.

The Trasco No-Krak Grain Blower is an All Steel unit that is built to give trouble free service for years. The all steel welded construction is adequately braced, and there are no castings or easily damaged parts. No service is required other than twice a season lubrication of the rotor bearings.

The large hopper measures 36" x 68" and is of welded steel with angle braces. It can be quickly detached when moving the blower to a new location.

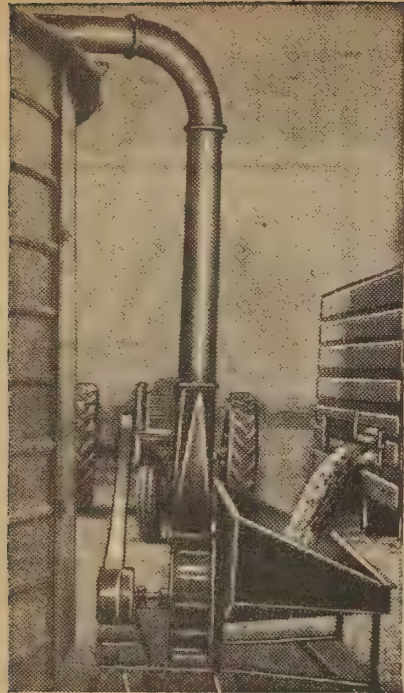
The blower is fitted with a flat pulley for operation from tractor belt (or power takeoff).

**SHIPPED COLLECT—NOT PREPAID
COMPLETE BLOWER UNIT, AS PICTURED**

Consists of blower housing and impeller assembled, pulley, 36" x 68" hopper and base, square-to-round, base pipe, 10 feet of 6" lift pipe, elbow, and top deflector. Stk. No. X-1001 Ship. wt. 260 lbs.

**OUR PRICE
\$109.50**

**Manufacturer's
Regular List Price
\$169.50**



HAMMERMILL BELTS

Supreme Quality THERMOID Raw Edge High Speed Belting

Nationally advertised Thermoid grade "A" endless belts for longest service on hammermills and other high speed drives with small pulleys. Unequalled for wear on threshers, ensilage cutters, elevators, etc.

Specially woven extra heavy fabric. Live natural rubber with extra layers of skim between piles for cushion and flexibility. Woven endless, no splice to separate in service. All belts are heavy, 4 ply.

40 ft. long, 6" width. **\$39.95**
Stk. No. BH-6404. Each
50 ft. long, 6" width. **\$48.75**
Stk. No. BH-6504. Each
60 ft. long, 6" width. **\$55.95**
Stk. No. BH-6604. Each

75 ft. long, 6" width. **\$67.50**
Stk. No. BH-6754. Each
50 ft. long, 7" width. **\$56.25**
Stk. No. BH-7504. Each
**WRITE for PRICES on Other
Size and Type Belts**

60 ft. long, 7" width. **\$64.50**
Stk. No. BH-7604. Each
75 ft. long, 7" width. **\$78.00**
Stk. No. BH-7754. Each
100 ft. long, 7" width. **\$99.50**
Stk. No. BH-71004. Each



Dependable GAS ENGINES - ELECTRIC MOTORS

AIR COOLED TYPE

For jobs where a lightweight unit producing steady power is needed.

WATER COOLED TYPE

To handle heavy loads easily with never-failing dependability.

LIGHT DUTY—AIR COOLED

1.5 to 2.1 H.P. Compact power unit for moderate loads requiring steady power. Develops 1.8 H.P. at 2000 rpm. Bore: 2 1/4". Stroke: 2 1/2". Piston displacement: 11.1 cubic inches. Holds 5 qt. gas, 1 1/4 qts. oil. Stk. No. 25A76—90 lbs. **\$74.95**

MEDIUM DUTY—AIR COOLED

1.8 to 2.5 H.P. Single cylinder 4-cycle engine develops 2.3 H.P. at 2000 rpm. Bore: 2 1/4". Stroke: 2 1/2". Piston displacement: 13.5 cu. inches. Holds 5 qt. gas, 1 1/4 qts. oil. Stk. No. 25A77—92 lbs. **\$82.95**

MEDIUM DUTY—WATER COOLED

2.2 to 3.3 H.P. compact power unit. Ideal for many heavy duty jobs. Single cylinder, 4-cycle operation. Develops 2.5 H.P. at 700 rpm. Bore: 3 1/4". Stroke: 4 1/2". Piston displacement 37.3 cu. inches. All moving parts fully sealed in oil. Holds 1 gallon gasoline and 2 1/2 gallons of water. Stk. No. 25A80 **\$109.75**
Ship. wt. 235 lbs.

EXTRA HEAVY DUTY— WATER COOLED

3.3 to 4.6 H.P. Here is the unit that will handle your toughest jobs. Powerful single cylinder plant delivers 4.3 H.P. at 800 rpm. Bore: 3 3/4". Stroke: 4 1/2". Piston displacement: 50 cu. in. All moving parts fully sealed in oil. Holds 1 1/2 gallons of gasoline, 3 gallons of water. Designed for farm use. Stk. No. 25A82 **\$144.75**
Ship. wt. 290 lbs.

SPLIT-PHASE TYPE

For jobs where low starting current is important.

CAPACITOR TYPE

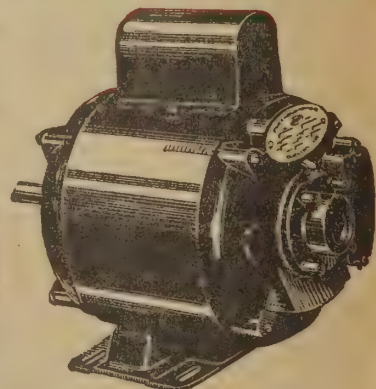
For hard starting loads that require continuous operation.

1/2 HORSEPOWER SPLIT PHASE MOTOR

Designed for intermittent use on the farm for such applications as washing machines, ironers, driers, bench tools, small paint sprayers, etc. Operates on 115 volts, 60 cycles A.C. at 1725 rpm. Temperature won't rise more than 50° centigrade room temperature. 1/2" shaft precision ground for minimum vibration. Rigid mounting type. Precision diamond-bored sleeve bearings. Trouble-free windings with highest quality insulating materials. Oil-impregnated felt lubricators. Improved, long-life starting switch. Cast-in terminal switch for either open or conduit wiring. Standard rotation, counter-clockwise. Stk. No. 25A70 **\$14.95**
Ship. wt. 26 lbs.

1/4 HORSEPOWER CAPACITOR MOTOR

Dependable power unit for applications such as water pumps, feed mixers, air compressors, milking machines, etc. 40° rise continuous duty motor to carry belted or coupled loads. Operates at 115 volts, 60 cycles A.C. 1725 rpm. Built-in overload protector automatically shuts off motor when overload occurs. 5/8" shaft diameter. Drip-proof sleeve bearings. New type 4-point resilient mounting. Stk. No. 25A71. **\$19.95**
Ship. wt. 35 lbs.

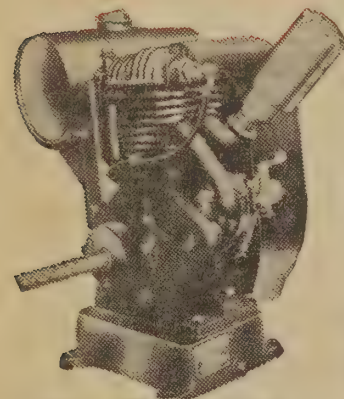


1/2 HORSEPOWER CAPACITOR MOTOR

Operates at 115/230 volts, 60 cycle A.C. 1725 rpm. 5/8" shaft precision ground for minimum vibration. Automatic built-in overload protector prevents motor from burning out. Oil-impregnated felt lubricators. 4-point resilient mounting. Stk. No. 25A72 **\$28.50**
Ship. wt. 40 lbs.

1/2 HORSEPOWER CAPACITOR MOTOR

For most heavy duty jobs on the farm. Operates at 115/230 volts, 60 cycle A.C. 1725 rpm. Automatic built-in overload protector prevents motor from burning out. Precision diamond-bore bearings. 4-point resilient mounting. Performance characteristics are better than accepted industrial standards. Stk. No. 25A73 **\$39.95**
Ship. wt. 42 lbs.



HEAVY DUTY—AIR COOLED

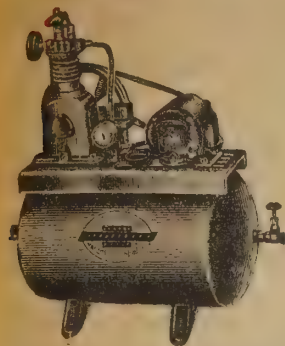
2.5 to 4.0 H.P. Plenty of power for heavy all day jobs. Single cylinder 4-cycle delivers dependable power. Develops 3.6 H.P. at 2800 rpm. Bore: 2 1/4". Stroke: 2 1/2". Piston replacement: 14.9 cu. inches. Holds 5 qt. gas, 1 1/4 oil. Stk. No. 25A78—94 lbs. **\$94.75**
Stk. No. 25A83—Clutch Assembly above nos. 25A76, 25A77—\$9.95
Stk. No. 25A75—Oil Air Cleaner for 25A76, 77, 78—\$3.29

HEAVY DUTY—WATER COOLED

2.7 to 4.1 H.P. For heavier loads, there is power to spare in this compact engine. High compression single cylinder, 4-cycle operation. Bore: 3 1/4". Stroke: 4 1/2". Piston displacement: 43.3 cu. inches. All moving parts fully sealed in oil. Holds 1 1/2 gallons of gasoline and 3 gallons of water. Stk. No. 25A81 **\$126.75**
Ship. wt. 270 lbs.

LOWER PRICES ON FARM NEEDS

STATIONARY AIR COMPRESSOR UNIT



ELECTRIC MOTOR DRIVEN

Here is the air compressor that will operate under hard service conditions and not require constant adjustments or repairs.

AUTOMATIC STARTING & STOPPING Starts at 120 lbs. Stops at 150 lbs. **CENTRIFUGAL UNLOADER** Positive automatic device that allows electric motor to reach full running speed before load is thrown on.

TANK is built to exacting specifications. Each with Pop-Safety Valve. Timken tapered roller main bearings used throughout. Built to last. Stk. No. 49A95—Ship. wt. 280 lbs.

Each **\$176.50**

SHIPPED FROM FACTORY
FREIGHT PREPAID

AIR HOSE FOR ABOVE TANK

20 ft. of 1/4" air hose with end connections. Stk. No. 49A98.....\$6.45

COMPRESSORS with GAS ENGINES available. Write for prices.

PILLOW BLOCKS—FLANGE UNITS

PILLOW BLOCKS

For 3/4" Shaft—19A85
For 1" Shaft—19A86

Wt. 2 lbs.....Each **\$2.98**

For 1 1/4" Shaft—19A87

For 1 1/2" Shaft—19A88

For 1 3/4" Shaft—19A89

Wt. 2 lbs.....Each **\$3.49**

FLANGE UNITS

For 3/4" Shaft—19A47

For 1" Shaft—19A48

Wt. 2 lbs.....Each **\$3.25**



Smooth running ball bearing pillow blocks and flange units that anchor shafts and reduce friction. Bearings provide for normal misalignment of shaft. Each with holes for mounting.

CLASSIFIED ASSORTMENTS

Each size in its own compartment, here are the items you need badly when you need them. Packed in waxed paper, screw top cartons, easily stored, always available. Sizes and terms printed on paper cover for easy reference.

49¢

500
Cotter
Keys



COTTER KEYS, About 500 pieces in 1/8", 3/16" and 1/4" diameters, lengths from 1 1/2" to 1 3/4". Stk. No. 19A24..... **49¢**

FLAT STEEL WASHERS, About 200 steel washers, ranging from 1/4" to 1/2" hole sizes. Stk. No. 19A26..... **69¢**

LOCK WASHERS—About 200 steel lock washers, ranging from 1/4" to 1/2" hole sizes. Stk. No. 19A22..... **75¢**

STOVE BOLTS—About 100 stove bolts with square nuts, 3/8" and 1/2" diameters, up to 1 1/4" long. Stk. No. 19A21..... **79¢**

CAP SCREWS—About 27 cap screws, diameters 1/4" to 1/2" in lengths from 1" to 2". Stk. No. 19A23..... **79¢**

SAE. HEX NUTS—About 100 steel nuts, SAE thread, diameter 1/4", 3/8", 1/2", 5/8", and 3/4". Stk. No. 19A25..... **89¢**

CASTELLATED NUTS—About 50 SAE thread Castellated Nuts, diameters 1/4", 3/8", 1/2", 5/8", and 3/4". Stk. No. 19A20..... **85¢**

U.S. HEX NUTS—About 100 steel Hex nuts with U.S. Standard thread, diameters 1/4" to 1/2". Stk. No. 19A19..... **89¢**



CANVAS COVERS

PROTECT YOUR

GRAIN STOCK
MACHINERY

Wise farmers have a complete set of Canvas Covers. In various sizes, to fully protect their Grain Stores... Live Stock... Power Machinery. Make sure that you have a Canvas Cover to protect anything on your farm that can be damaged by weather.

CLOSELY WOVEN—COMPLETELY WATERPROOF

Made of closely woven heavy duck, impregnated to be absolutely waterproof. The extra heavy material averages 18 oz. per square yard. Rust-resisting grommets inserted along edges, heavily reinforced.

REGULAR STOCK SIZES

SIZE: 6x10 ft.....Stk. No. X130—Ship. wt. 10 lbs.....Each \$ 6.45
SIZE: 8x12 ft.....Stk. No. X129—Ship. wt. 17 lbs.....Each \$10.25

EXTRA HEAVY

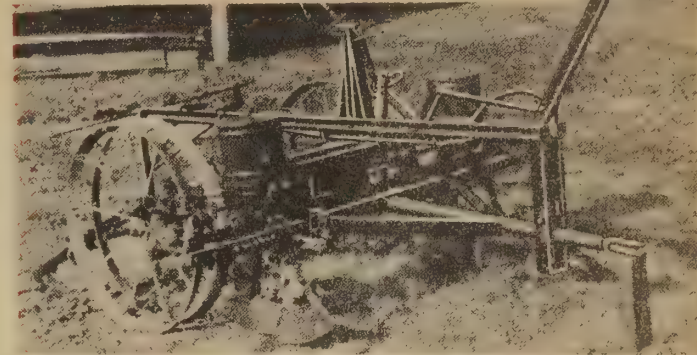
SIZE: 10x15 ft.....Stk. No. X131—Ship. wt. 28 lbs.....Each \$17.95
SIZE: 12x16 ft.....Stk. No. X132—Ship. wt. 35 lbs.....Each \$23.95
SIZE: 20x24 ft.....Stk. No. X133—Ship. wt. 70 lbs.....Each \$44.95

CORN PLANTER ATTACHMENT

Converts Horse-Drawn Type to Tractor-Drawn Type

Adjustable Floating Hitch for High or Low Drawbar

Floating Action on Shoes Assure Even Planting



FOR REGULAR 2-ROW PLANTER

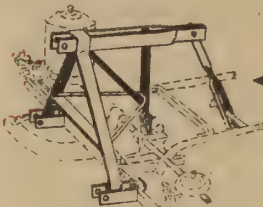
Adjustable depth frame rides level at all times. Special springs give shoes "Floating Action." Shoes adjustable to any depth desired. Adjustable swivel hitch with 22" extension. Unit complete. Stk. No. X1030—Ship. wt. 118 lbs. Not Prepaid.....Each **\$39.50**

COMPLETE 4-ROW UNITS AVAILABLE

Master Hitch for attaching two, 2-row planters to make 4-row planter. Write for information. Prices, Deliveries, State Planters Used.

ATTACHMENT FOR FORD

Converts any horse-drawn planter to your Ford (Ferguson) System. Tripod frame attaches to old planter, permits hydraulic system to raise and lower—even to clear the wheels for road travel. Gives accurate control of planting depth. Complete—easy to install, Not Prepaid. Stk. No. X1036—35 lbs.....Each **\$16.00**



CHAIN HOISTS

HEAVY DUTY—DIFFERENTIAL TYPE

Hoists are durably constructed, practically unbreakable, and will last a lifetime. Reinforced at strain points, complete with extra heavy test chain, drop forged and heat treated hooks, heavily malleable blocks.

500 POUND (1/4 TON) SIZE

Easily handles 500 pound lift. Life range 6 feet. Stk. No. 25A50. Ship. wt. 24 lbs. **\$16.95**

1000 POUND (1/2 TON) SIZE

Handles 1000 pound lifts. Lift range 7 feet. Stk. No. 25A51. Ship. wt. 31 lbs. **\$19.95**

2000 POUND (1 TON) SIZE

Handles a full ton. Lift range 8 feet. Stk. No. 25A52. Ship. wt. 52 lbs. **\$26.95**

3000 POUND (1 1/2 TON) SIZE

Handles ton and a half lifts, range up to 8 1/2 feet. Stk. No. 25A53. Ship. wt. 97 lbs. **\$34.95**



STEEL ROLLER CHAIN



RIVETED TYPE
HARDENED STEEL

Chain is sold by the Foot. Be sure to order a connecting link to couple the ends of the chain. If an odd number of links is required, order an offset link (half link). **PITCH** is the distance between roller centers—**WIDTH** is the inside distance between side bars.

Chain Number	Pitch	Width	Wt. Ft.	CHAIN per foot	CONN. LINK	HALF LINK
RC-40	1 1/2"	3/8"	8 oz.	\$.85	CL-40.....10c	HL-40.....28c
RC-50	1 3/4"	7/8"	11 oz.	.95	CL-50.....11c	HL-50.....32c
RC-60	2"	1"	1 lb.	1.25	CL-60.....15c	HL-60.....39c
RC-80	2 1/2"	1 1/4"	2 lb.	2.00	CL-80.....23c	HL-80.....69c

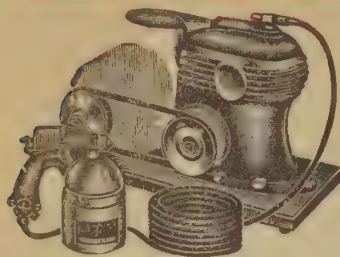
STEEL CHAIN



LINK NO.	NO. LINKS IN 10-FT.	LBS. PER 10-FT.	PRICE PER 10-FT.
32	104	7	\$1.95
42	88	9	\$2.20
45	74	8	\$2.20
52	80	16	\$2.55
55	74	11	\$2.35
62	73	15	\$3.15
"D"	73	15	\$4.95

NOTICE: Before ordering chain, check number of links in old chain for correct size. Count number of links needed. (Chart shows number of links in 10-ft. roll.)

COMPRESSED AIR EQUIPMENT for the FARM



AIR COMPRESSORS

1/4 Horsepower Streamlined compressors complete with steel base plate for motor mounting, drive pulley, pulley for motor and belt. Aluminum alloy 3 ring piston in cast iron cylinder for quiet, smooth operation. **PORTABLE**—ideal for paint and insecticide spraying, inflating tires and to use with pressure greasing machinery. Order motor, gun, and hose separately.

1/4 Horsepower Regular Duty Compressor

The rated air output at 30 lbs. pressure is 2.58 cubic feet per minute. Each with adjustable safety pop-off valve.

Stk. No. 27A1—COMPRESSOR ONLY—Ship. wt., 20 lbs.—Each **\$24.95**

1/2 H.P. SPLIT PHASE MOTOR FOR ABOVE COMPRESSOR
Stk. No. 25A70—(See Page 26A for complete description)—Each **\$14.95**

1/3 Horsepower Heavy Duty Compressor

The rated air output at 40 lbs. pressure is 3 cubic feet per minute. Each with adjustable safety pop-off valve.

Stk. No. 27A2—COMPRESSOR ONLY—Ship. wt., 45 lbs.—Each **\$39.95**

1/2 H.P. HEAVY DUTY CAPACITOR MOTOR FOR ABOVE COMPRESSOR

Stk. No. 25A72—(See Page 26A for complete description)—Each **\$28.50**

SPRAY GUNS

ECONOMY SPRAY GUN UNIT

Plnt size aluminum container spray gun with round spray nozzle. Ideal unit for touch-up work. Operates with above compressors.

Stk. No. 27A4—Ship. wt., 1 lb.—Each **\$3.75**

HIGH QUALITY SPRAY GUNS

These guns are direct feed "Bleeder" type to be used with low pressure compressors (see listed above). Air continually passes through gun. Sprays only when trigger is pulled. Each gun is made of lightweight aluminum with pistol type handle. 3 nozzles furnished with each gun; round for touch-up, narrow for irregular surfaces, and fan for flat surfaces.

UTILITY TYPE SPRAY GUN

For smaller spraying units. Uses only 2 cubic feet of air per minute at maximum capacity. Hose connection and spray adjustment in back of gun. Complete with 3 nozzles listed above.

Stk. No. 27A5—Ship. wt., 3 lbs.—Each **\$7.25**

CONVERTIBLE INTERNAL—EXTERNAL GUN

The internal "break-up" pressure feed "bleeder" gun can be converted into external mix gun with conversion kit listed below. Oil and moisture trap built in handle. Can be used with quart screw-on container or with a pressure feed paint tank. Complete with 3 nozzles listed above.

Stk. No. 27A7—Ship. wt., 3 lbs.—Each **\$10.45**

CONVERSION KIT for Stk. No. 27A7 SPRAY GUN—Converts internal mix gun into external mix type to permit spraying of fast drying materials with less cleaning of equipment. Patterns can be sprayed without changing nozzles.

Stk. No. 27A9—Ship. wt., 1 lb.—Kit **\$3.75**



AUXILIARY 3-GALLON TANK ASSEMBLY

Time-saving tank assembly that eliminates frequent refilling of spray gun container on large jobs. With this tank assembly you can spray constantly without interruption for several hours. Tinned sheet steel tank, domed cover, and hanging hook. Supplied with 15 foot hose and connections. Can be used with either 27A6 or 27A7 spray guns.

Stk. No. 27A12. Ship. Wt. 22 lbs.—**\$21.50**



HAND OPERATED BURNER and SPRAYER

Here is one of the handiest units you can own! Burner kills weeds, thaws pipes, heats water, etc. Sprayer handles disinfectants and insecticides for buildings, crops and cattle.

Specifications of Complete Unit
Tank: 3 1/2 gal. capacity, complete with self-locking handle, pump and carrying strap. Tested at 125 lbs. Flame thrower equipment complete with valve and pressure gauge. Sprayer equipment with boom, hose and all fittings. Complete instructions included.

Stk. No. 49A60—COMPLETE UNIT.
Ship. wt., 18 lbs.—**\$16.95**

Flame Thrower Attachment Only
As Described Above
Stk. No. 49A61—10 lbs. Ea. **\$10.95**

TANK AND SPRAYER ONLY
As Described Above
Stk. No. 49A59—10 lbs.—Ea. **\$6.95**



Hand sprayer has a self-locking handle for ease and convenience. Burner produces a white hot flame that kills noxious weeds instantly. Burns 94% air, operates about 1 hour on a gallon of fuel.

SEE HOW LITTLE IT COSTS TO BUILD YOUR OWN SPRAYER



(A) RELIEF VALVE

Regulates spraying system to maintain constant set pressure you choose. Standard 1/2" pipe thread into boom supply pipe. 1/2" pipe thread for by-pass return.
Stk. No. 21A20—
3 lbs. —Each **\$2.95**

(B) TEE-JET SPRAY NOZZLES

Made of brass with 1/4" pipe thread. Tips interchangeable. Built-in strainer. Will work at pressures low as 20 lbs. Flat fan spray.
Stk. No. 21A1—Sprays 5 gals. per acre—Each **\$1.10**
Stk. No. 21A2—Sprays 10 gals. per acre—Each **\$1.10**

TIPS ONLY FOR ABOVE

Stk. No. 21A3—5 gals. per acre. Tip —Each **39c**
Stk. No. 21A4—10 gals. per acre. Tip —Each **39c**

(C) DOUBLE SWIVEL CONNECTOR

For use with 2 Tee-Jet Nozzles. Sets in any position on 280° arc. Designed for corn borer spraying. 1/4" inlet connection.
Stk. No. 21A10—
1/2 lb. —Each **\$1.95**

(D) SUCTION STRAINER

Keeps foreign matter out. Attaches to intake hose in supply tank. All brass construction. Fits 3/4" pipe thread. 200 mesh screen with inter-spring to prevent collapsing.
Stk. No. 21A19—
1 1/2 lbs. —Each **\$2.75**

(E) PRESSURE GAUGE

Control your spray gallonage with a check on the pressure in your system. 2" dial face. Records accurately from 0 to 100 lbs. 1/4" pipe thread base mounting.
Stk. No. 21A23—
1 lb. —Each **\$1.10**

SPRAY GUN HOSE WITH COUPLINGS

HOSE ONLY—Tough rubber impregnated fabric hose which will withstand long and continued hard use. 15' long, connections both ends to fit compressor and above guns. **\$1.98**
Stock No. 27A10. Ship. wt. —

MULTI-PURPOSE LIQUID PUMPS

for SPRAYING—DRAINING—WATER PUMPING MOTOR or TRACTOR DRIVEN

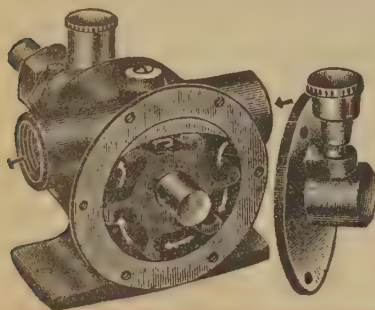
HANDLES ANY LIQUID

The Trasco Liquid Pump can be mounted easily on your tractor to drive from power takeoff or belt, or can be driven by gas or electric motor of correct size. 3/4" and 1" sizes should be driven by belt and pulley to operate at 1000 to 1750 rpm. 1 1/4" size is designed for direct mounting on tractor power takeoff shaft and delivers full output at 550 rpm.

Pumps are reversible and self priming, develop high vacuum and pressures as stated under individual listings. The only moving part is the long wearing synthetic rubber impeller which is resistant to oils and chemicals, quickly replaced.

Any flowing liquid can be pumped, even water containing sand and abrasives. Bronze pump body will not rust or corrode, impeller resists deterioration. These pumps are completely adaptable for all farm pumping needs, and make a dependable accessory for every farm.

Build your own weed sprayer (see below), drain basements or ditches, fill stock watering tanks, spray, disinfect, transfer liquids, irrigate. In pump listings below GPM is gallons of fluid output per minute. Pressure is pounds per square inch. All performance figures are dependent upon speed at which pump shaft is driven.



3/4" Pipe Thread INLET—OUTLET

Takes 1/2 or 3/4 HP motor, or drives by belt and pulley on tractor. Develops pressures to 25 pounds (60 foot head). Delivers up to 23 GPM at low pressure at 1750 rpm, 12 GPM at 20 pounds pressure at 1250 rpm.

Stk. No. 19A75. 7 lbs. Each **\$18.25**

EXTRA IMPELLER only for above.

Stk. No. 19A77. 8 oz. Each **\$2.50**

1" Pipe Thread INLET—OUTLET

Takes 1/2 to 1 HP motor, or drives by belt and pulley on tractor. Develops pressures to 50 pounds (115 foot head). Delivers up to 30 GPM at low pressure at 1750 rpm, 15 GPM at 25 pounds pressure.

Stk. No. 19A71. 10 lbs. Each **\$28.50**

EXTRA IMPELLER only for above.

Stk. No. 19A72. 11 oz. Each **\$3.50**

1 1/4" POWER TAKEOFF PUMP

Heavy duty ball bearing pump, high output at low rpm, ideal for tractor power takeoff (see coupling listed separately below). Delivers up to 60 GPM at high speed. Tractor mounted (550 rpm). Delivers 8 GPM at 60 lbs. pressure, or 14 GPM at 30 pounds.

Stk. No. 19A70. 15 lbs. Each **\$46.50**

EXTRA IMPELLER only for above.

Stk. No. 19A70X. 1 lb. Each **\$6.50**

POWER TAKEOFF COUPLING, connects PTO shaft to above pump shaft. Stk. No. 19A76. 3 lbs.—**\$3.50**

HARROW DISCS, SWEEPS, PLOW EDGES

EXTRA TOUGH



HARROW DISCS

Made of forged alloy steel, heat treated for hardest service. Each with resilient center that absorbs shock and prevents splitting.

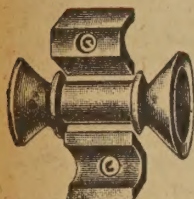
You'll get extra service from these Harrow Discs because the special forging process used results in a refined grain of steel that will withstand the hardest use. Edges are hardened to cut longer and better — without being brittle.

16" Ship. Wt. 7½ lbs. \$1.89 Each	18" Ship. Wt. 10 lbs. \$2.55 Each
49A1—1½" hole for ¾" axle.	49A4—1½" hole for ¾" axle.
49A2—1½" hole for 1" axle.	49A5—1½" hole for 1" axle.
49A3—1½" hole for 1½" axle.	49A6—1½" hole for 1½" axle.

22" ONE-WAY FLOW BLADES

22" diameter only. 3¼" concavity. Made of 9 gauge tempered alloy steel. For 1" square axle as used on Krause and other One-Ways. Stk. No. 49A7. **Each \$6.25**

SPOOLS AND BUSHINGS



SPOOLS: High quality smooth iron castings.
BUSHINGS: Oil impregnated hard maple. Built for long service.

SPACING SPOOLS

Universal application for most disc harrows. Length: 6¾".

26A1—Fits ¾" axle.....	Ea. 95c
26A2—Fits 1" axle.....	Ea. \$1.00

BEARING BOX SET FOR IHC

For disc Nos. 7A, 9A, 2. All metal. For 1½" axle.
Upper brg. P3089—26A7.....Ea. 95c
Spool. P3090—26A9.....Ea. \$1.98
Lower brg. P3091—26A8.....Ea. 90c

DISC HARROW EXTENSIONS

MAKE YOUR DISC HARROW A FOOT WIDER

It is not necessary to tear down your disc to install these extensions. Made of iron castings, machined to fit your old disc. Be sure to order correct size to fit arbor hole on your disc.

26A50—For ¾" & 1" Arbors—20 lbs.....	\$2.75
26A51—for 1½" Arbors—20 lbs.....	

DISC HARROW CARRIER

MAKES DISC HARROW TRANSPORTING EASIER—QUICKER—SAFER THAN EVER BEFORE

Now you can move your disc harrow to and from the field without fear of damaging either the discs or the roadway. Easy to install—simply place hanger under axle, adjust clamp on frame, tighten, and away you go. Load capacity up to 500 lbs. per wheel. Made of extra heavy duty bar iron 34" high, ½"x2". Zerk fittings on wheels with 10" diam. 2½" face.

Stk. No. X1080—	Set of 2	Set of 4
Wt. 26 lbs. Each	\$10.65	\$19.95 \$37.50

DISC COULTER

• WON'T PLUG UP IN WET OR DRY SOIL!

Absolutely will not plug up in wet soil. Reversible bearing box permits use on right or left hand plows. Clean plowing enables the turning under of more corn stalks, stubble and trash, for greater corn borer control. Fits all plows with round shank in sizes 1¼" to 1½" diameter. Made with cast arm, Timken roller bearings, grease seal and Zerk fittings.

Stk. No. 49A12—Coulters Only—25 lbs.....	\$19.95
Stk. No. 49A13—Coulters with 16" blade, 32 lbs.....	\$21.50
Stk. No. 49A14—Coulters with 18" blade, 33 lbs.....	\$22.25

SWEEPS



FLAT CROWN DESIGN for High Speed Cultivating. Universal 2 Hole Mounting, holes spaced on 2¼" centers. Clean scouring, long wearing.

INDIVIDUAL SWEEPS

Each 3/16" Thick.			FITS GRAHAM HOEME PLOWS					
Stk.			Each 1/4" Thick.					
No.	Size & Type	Lbs. Ea.	Stk.	No.	Size & Type	Lbs. Ea.	Stk.	No.
17A2	8" Right half	1 1/4 69c		17A28	14" Full	4 1/2 \$1.30		
17A3	8" Left half	1 1/4 69c		17A29	16" Full	5 1/2 \$1.55		
17A4	6" Full	1 1/2 57c		17A30	18" Full	6 1/2 \$1.95		
17A5	8" Full	1 3/4 75c		17A31	20" Full	9 \$2.95		
17A6	10" Full	2 1/4 89c		17A32	22" Full	10 \$3.25		
17A7	12" Full	3 98c						

22-PC. SWEEP BOLT SETS

Set includes bolts, washers, and nuts. For sweep set nos. 17A1, 17A10, 17A12, 17A15. **Set 85c**

11-PC. SWEEP BOLT SETS

Special set for John Deere sweeps. Fits nos. 17A17, 17A25—3 lbs. **Set 60c**

ONE HOLE SWEEP SETS FOR JOHN DEERE CULTIVATORS

Full set of 11 low crown, high speed tractor sweeps similar to above, but with single bolt hole mounting for John Deere cultivators. Sets consists of 4 half sweeps and 7 full sweeps, 8" size. **Set \$6.95**

Stk. No. 17A17—Ship. wt. 16 lbs. **Set \$9.95**

SPECIAL HIGH SPEED SWEEPS FOR FORD (Ferguson-Dearborn)

Full set of high speed sweeps for Ford (Ferguson or Dearborn) cultivators. Long pointed type. Sets consists of 4 half sweeps, 7 full sweeps 8" size. **Set \$8.85**

Stk. No. 17A15—Ship. wt. 19 lbs. **Set \$8.85**

BOLTED TYPE TRACTOR SHOVELS

Reinforced point, narrow neck, full cutting edges. Light draft types. Sharpened and set, ready for use.

SOFT CENTER STEEL with polished heads. **\$1.25**

17A84—Size: 5½"x8½"x¼ in. Ship. wt. 2 lbs. **Ea. \$1.35**

17A86—Size: 6¼"x9x¼ in. Ship. wt. 2½ lbs. **Ea. \$1.35**

HIGH CARBON STEEL, 2 bolt type. **85c**

17A85—Size: 6¼"x9x¼ in. Ship. wt. 2½ lbs. **Ea. 85c**

REVERSIBLE TOOTH POINTS

SIZE 1¾"x11"x¼". Two holes for ¾" bolts on 1¼" centers, as used on Case, Deere, Oliver. Stk. No. 17A71. 1 lb. **Each 43c**

SIZE 1¾"x11"x¼". Two holes for ¾" bolts on 1¼" centers, as used on IHC, A-C, Ford, etc. Stk. No. 17A72. 1 lb. **Each 43c**

SIZE 2"x8"x¼". Two holes for ¾" bolts as used on IHC and other spring tooth attachments. Stk. No. 17A73. 1½ lb. **Ea. 50c**

SIZE 2½"x10½"x¼". Two holes for ¾" bolts, for all stiff tooth attachments. Stk. No. 17A74. 1¼ lb. **Each 60c**

SPIKE HARROW TEETH

Fits most makes of spike tooth harrows. Made of tough alloy steel, hardened to resist wear.

(A) **DIAMOND SHAPED**, headed and pointed. Size: 8"x½"x½". Stk. No. 17A89—¼ lb. **Ea. 14c**

Set of 12..... **Set \$1.45**

(B) **HEADED & POINTED** for wood frame or steel bar harrows. Size: 8"x½". Stk. No. 17A88—¼ lb. **Ea. 14c**

Set of 12..... **Set \$1.45**

(C) **SHOULDERED & THREADED** with nuts. Size: 8"x½" with ½"x2" thread. Stk. No. 17A87—¼ lb. **Ea. 22c**

Set of 12..... **Set \$2.49**

SPRING HARROW TEETH

Made of tough alloy, high carbon steel for long wear. Tempered to provide spring and strength. Fits all popular harrows.

REGULAR POINT

For Pipe Bar Harrow—Stk. No. 17A92 **Ea. 95c**

For U-Bar Harrow—Stk. No. 17A94 **Ea. 95c**

QUACK GRASS POINT

For Pipe Bar Harrow—Stk. No. 17A93 **Ea. 95c**

For U-Bar Harrow—Stk. No. 17A95 **Ea. 95c**

Average shipping weight 5 lbs. each

RENEWABLE PLOWSHARE EDGES

• NEVER NEED SHARPENING

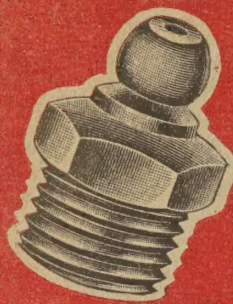
• EASY TO APPLY

Install Renewable Plowshares! They will save you time and labor—plus a tremendous year 'round \$\$\$ savings.

They never need sharpening and last twice as long as the average plowshare sharpening job. Installed right in the field without bolts or welding—yet are easily removed for replacement. Made of high carbon steel with oil tempered edges to eliminate brittleness. They slice through the soil smoothly and easily, and will suck until completely worn out. Average shipping wt. 4½ lbs. each.

12" Size	14" Size	16" Size	EACH, any size
No. 17A99	No. 17A100	No. 17A101	Lots of six \$10.20

PRESSURE LUBRICATION NEEDS



GREASE FITTINGS BALL CHECK ORIGINAL EQUIPMENT TYPE

STK. NO.	SIZE & TYPE	EA. PRICE	QUAN. PRICE
L-10	1/4" Straight	5e	12 in Pkg. 43e
L-11	1/8" 30° angle	10e	12 in Pkg. 87e
L-12	1/8" 60° angle	10e	12 in Pkg. 87e
L-13	1/8" 90° angle	10e	12 in Pkg. 87e
L-14	3/8" extended 1 1/4"	15e	6 in Pkg. 75e
L-16	1/4" Straight	12e	6 in Pkg. 59e
L-17	1/4" 60° angle	15e	6 in Pkg. 75e
L-15	1/4" 28 taper thread	5e	12 in Pkg. 49e
L-18	ADAPTER for 1/8" fitting in 1/4" hole	10e	12 in Pkg. 95e

ASSORTMENTS

36 FITTINGS, all in 1/8" size. 24 straight and 12 angle.

Stk. No. L-3— \$1.69
1 lb.

60 FITTINGS in Deluxe farm assortment. All 1/4" pipe thread. 24 straight, 36 assorted angles.

Stk. No. L-6— \$3.19
3 lbs.

GREASE GUN BRACKET



Have a regular place to keep your grease gun. Bracket is easy to mount in tool shed or on tractor. Holds gun securely and ready for use. Fits most standard grease guns.

Stk. No. L-30—
Ship. wt., 1 lb. Each 89c

BARREL DISPENSERS

PULL UP PLUNGER

For withdrawing liquids from drums set on a low level. Oil, gas, alcohol, etc., can be transferred to tank by coupling hose to pump. Threaded to screw into either 1 1/2" or 2" bung. 42" overall length.

Stk. No. L-38—
Ship. wt., 11 lbs. Each \$3.75

HIGH SPEED ROTARY

For gas, kerosene, lube oil, etc. Pumps 10 gals. per minute at normal lift of 10 ft. Fits 1 1/2" and 2" bungs. Rotor made of non-corroding zinc alloy, bearing mounted. 42" suction pipe for drum. Pressure lubricated rotor never loses prime. Dripless outlet.

Stk. No. L-45—Ship. wt., 13 lbs. Each \$15.95

PRESSURE OILERS

All metal construction; bronze sleeve, steel body. 6 OZ. SIZE with HOLDER for base or wall mounting. 6" spout.

Stk. No. L-27—Ship. wt., 1 1/2 lb. Each \$1.19

PINT SIZE with 9", 45° angle spout. Rustproof finish.

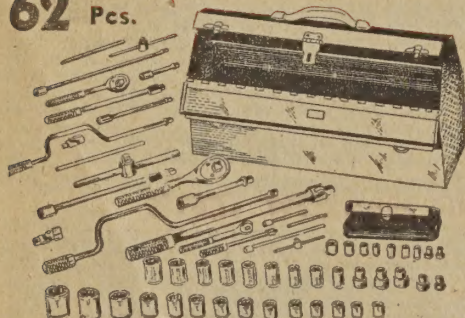
Stk. No. L-28—Ship. wt., 1 1/4 lbs. Each \$1.49

QUART SIZE with 11" detachable vertical spout. Rustproof finish.

Stk. No. L-29—Ship. wt., 2 1/2 lbs. Each \$2.59

SOCKET SETS

62 Pcs.



A Socket Set including a complete size range of sockets will save you so much time and trouble that it will more than repay the original investment. The Sets listed below MEET FARM NEEDS

13-PC. SET of all chrome alloy steel. 1 1/2" square drive on 11 1/2" swing head handle. Cross bar and extension. 10 sockets 3/8" to 1". Each set in heavy steel hinged box. Wt. 7 lbs.

Stk. No. 1E10.
Set \$7.95

20-PC. SET with reversible ratchet. 11 1/2" swing head handle with lever bar. Speeder handle, extension and small parts. Twelve 12-point sockets 3/8" to 1" size. In steel box.

Stk. No. 1E11—Ship. wt., 12 lbs. Set \$15.95

36-PC. SET with thumb action reversible ratchet. 11 1/2" swing head handle and lever bar. Speeder handle, extension adaptors, sliding "T" handle and necessary small parts. Plus a complete range of 12-point sockets 3/8" to 1 1/8" size. Also handy midget socket set. Complete set in fitted steel box.

Stk. No. 1E12—Ship. wt., 20 lbs. Set \$24.95

25-PC. FARM HANDYMAN SET designed to include the tools most used on the farm. 1/2" drive set with sockets up to 1". Midget socket set. 14" pipe wrench. 8" adjustable wrench. And angle gripper pliers. Complete set in fitted steel box.

Stk. No. 1E13—Ship. wt., 17 lbs. Set \$11.95

62-PC. PROFESSIONAL SET (as illustrated). (A) 1/4" square drive ratchet, extension, flex handle, sliding bar, six 6-point sockets 1/4" to 1", three 8-point sockets 1/4" to 3/8" in separate metal case. (B) 3/8" square drive reversible ratchet, 3 extensions, flex handle, pin handle, speeder, sliding bar universal joint, three 8-point sockets 3/8" to 1", seven 12-point sockets 3/8" to 1". (C) 1/2" square drive ratchets, extension, flex handle, pin handle, speeder, sliding bar, fourteen 12-point sockets 3/8" to 1 1/8". In 19x7x9 in. steel box.

Stk. No. 1E14—Ship. wt., 30 lbs. Set \$39.95

JUMBO GUN

12-in. FLEXIBLE HOSE

For hard to reach fittings. Made of 3-ply neoprene, leakproof. For gun and hydraulic coupler.

Stk. No. L-44—
Ship. wt., 1 lb.

Each \$1.89

SNAP COUPLER

Universal 3/4 in. pipe thread fits all standard guns. Snaps onto hydraulic or Zerk type fittings.

Stk. No. L-43—
Ship. wt., 1/4 lb. Each 65c

29 Oz. Capacity Grease Gun

Spring fed, lever type gun with disappearing handle. 15" barrel. Develops 5000 lbs. pressure. Complete with angle pipe, snap-on coupler, and Zerk fittings.

Stk. No. L-33—7 lbs. Each \$3.75

20 Oz. Capacity Grease Gun

Spring fed, lever type gun with disappearing handle. 11 1/2" barrel. Each complete with angle pipe, snap-on coupler, and Zerk fittings.

Stk. No. L-36—
5 1/2 lbs. Each \$2.75

BARREL FAUCET



All metal male type with 3/4 in. pipe thread for 1 in. drum opening. Can be padlocked.

Stk. No. 19A69—Ship. wt., 1 1/2 lbs. Each \$1.10

BOX END WRENCHES

IN YOUR CHOICE OF:

CARBON STEEL

CHROME ALLOY

SIZES	LENGTH	WT. LBS.	STK. NO.	EACH	STK. NO.	EACH
3/8"x1"	7 1/2"	1/4	1E-40	39e	1E-60	59e
1/2"x1 1/8"	8 1/2"	3/8	1E-41	45e	1E-61	67e
3/4"x1 1/4"	9 1/2"	1/2	1E-42	49e	1E-62	75e
1"x1 3/8"	11 1/2"	3/4	1E-43	55e	1E-63	89e
1 1/8"x1 1/2"	12 1/2"	1	1E-44	59e	1E-64	\$1.09
1 1/4"x1 3/4"	14 1/2"	1 1/4	1E-45	73e	1E-65	\$1.35
1 1/2"x1 7/8"	18 1/2"	2			1E-67	\$1.95
1 3/4"x1 7/8"	20 1/2"	3			1E-68	\$2.65
1 7/8"x1 7/8"	22 1/2"	3 1/2			1E-69	\$2.95

CARBON STEEL WRENCHES

SET OF 5 carbon steel wrenches listed above. Sizes from 3/8" to 1". Each set in metal clip holder.

Stk. No. 1E-50—2 1/2 lbs. Set \$2.19

SET OF 6 carbon steel wrenches listed above. Sizes from 3/8" to 1". Each set in metal clip holder.

Stk. No. 1E-51—3 1/4 lbs. Set \$2.69

CHROME ALLOY WRENCHES

SET OF 6 most used wrenches in above listing. Sizes from 3/8" to 1". Made of selected drop forged chrome alloy steel that is stronger, lighter and easier to use in close quarters. Handy oval non-slip handles, highly plated and polished.

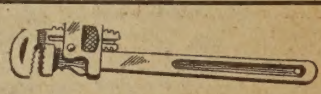
Stk. No. 1E-71—3 lbs. Set \$4.35



ADJUSTABLE WRENCHES

Made of forged steel with hardened jaws. Easy to adjust screw.

Open Lgth.	Wt. Lbs.	Stk. No.	Ea.
6"	1 1/2	3E81	\$1.05
8"	3	3E82	\$1.29
10"	1	3E83	\$1.59
12"	2	3E84	\$2.35



PIPE WRENCHES

Made of malleable steel with hardened jaws. Positive grip teeth. Tempered spring.

Open Lgth.	Wt. Lbs.	Stk. No.	Ea.
10"	1 1/2	3E86	\$1.65
14"	3 1/2	3E87	\$2.15
18"	4 1/2	3E88	\$2.95



WATER PUMP PLIERS

Thin jaws with milled teeth. Opens to 1 1/2". Length 9 1/2". Made of polished forged chrome steel.

Stk. No. 3E20—
1 lb.

Each \$1.29



COMBINATION PLIERS—Each with knurled handles, sharp milled teeth and positive grip. Slip joint adjustment, and wire cutters.

3E21—6" long, 1" capacity, natural finish. 1/2 lb. Each 29c

3E22—6" long, 1" capacity, dull finish. 3/4 lb. Each 35c

3E24—8" long, 1 1/4" capacity, dull finish. 1 1/4 lbs. Each 49c



Lineman Side Cutting Pliers

Made of drop forged tool steel with cadmium finish. 8" long. Sharp side cutters.

Stk. No. 3E96—
1 1/2 lbs.

Each \$1.98

SAVINGS IN TOOLS FOR THE FARM

BLOW TORCH



2 sizes to meet your needs. Both designed for trouble-free operation. Tanks are made of heavy gauge, seamless brass, with funnel-shaped bottom for easy filling. To be used with gasoline fuel only. **QUART SIZE:** Heavy duty type. Taper design needle valve. Lock-tite, leakproof pump.

Stk. No. 19A93. 4½ lbs. Each **\$5.95**

PINT SIZE: Low priced but will give you real service and performance. With flame control, shut-off valve and self-cleaning orifice. Non-clogging burner. Size: 7½" high, 3" diam.

Stk. No. 19A92—1½ lbs. Each **\$2.35**

SOLDERING IRONS



100W-110W and 150W-120V electric soldering irons. Underwriters Approved, Nichrome wire elements, copper tips, wood handles, 6 ft. cords with spring guards.

100 WATT SIZE—19A94. 1½ lbs. Each **\$1.65**

150 WATT SIZE—19A95—2 lbs. Ea. **\$3.45**

SOLDER & PASTE

1 Lb. Core Solder—Acid core, 20-80 solder.

19A96—1 lb. spool. Spool 89c

5 Lb. Core Solder—Acid core, 20-80 solder.

19A97—5 lb. spool. Spool **\$3.95**

½ Lb. Bar Solder—Coreless, 40-60 solder.

19A98—½ lb. bar. Bar 47c

Solder Paste—Binds solder and metal.

19A99—½ lb. can. Can 10c

BOLT CUTTERS



LARGE CUTTER—30" long, cuts ½" bolts. Stk. No. 25A18. 10 lbs. **\$8.95**

EXTRA JAWS ONLY for above. Stk. No. 3E-18. 4 lbs. **\$5.45**

3 WAY BOLT CUTTER

30" long, cuts from side or end. With nut-splitter jaw slots. Heavy duty type. Same heavy duty construction as cutters described above, but with special jaws as shown. Splits nut for easy removal, cuts from side or end.

Stk. No. 25A16—11 lbs. Each **\$11.95**

TAP AND DIE SET

Indispensable because it is designed specifically for farm use.

12-pc. set with National Coarse Thread in the most used size. Includes dies, taps and tool holders.

Stk. No. 3E-29—3 lbs. Set **\$5.95**

2 JAW PULLER

18 width and length adjustments, jaws reversible for internal or external pull. Takes big gears, bearings, etc. Jaws open full 8" width, reach 6".

Stk. No. 3E15. 8 lbs. Each **\$4.65**

3 JAW PULLER

3 jaw construction cradles the gear being pulled and prevents slipping. Pulls gears up to 10" diameter.

Stk. No. 3E16. 12 lbs. Each **\$10.95**

4-WAY SPEED WRENCH

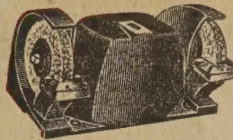
Long handles for leverage and fender clearance. ¾", ¾", 1½", ¾" openings.

Stk. No. 3E11—13" Natural Finish. 89c

Stk. No. 3E-12—16" Nickle Finish. 98c

Ship. wt. 3 lbs. Each

MOTOR GRINDERS



¼ H.P. For 100 Volt, 60 Cycle A.C. Current. Induction type 2 pole motor, 600 watt input. Self-aligning oil impregnated bearings. Aluminum housing, fully adjustable

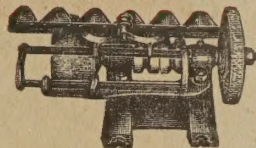
tool rests. Vibration free—mounted on rubber. 6 amp. switch on top of blue crackle finish housing. Two ¾"x6 in. wheels included.

Stk. No. 3E40—25 lbs. Grinder complete with wheels. Each **\$29.95**

1/15 H.P. GRINDER for light duty work. 110 volt AC only. Develops 3,400 rpm.

Stk. No. 3E50—7½ lbs. Each **\$14.95**

SICKLE GRINDERS



Deluxe type for drive from either flat or V belt. Anti-friction bearings, pressure lubricated. With 5½" cone sickle, 6"x1½" vitrified grinding wheel.

¾"x14" steel shaft, threaded for ¾" bore. Complete with sickle holder for sharpening mowers, combines.

Stk. No. X-150—42 lbs. Each **\$14.50**

HEAVY DUTY FARM SICKLE GRINDER

For repair shop or large farm shop. Takes a full ½ H.P. motor. Mirror finish babbit bearings, pressure lubricated. Large wheels, sickle cone 7"x3½"; tool wheel 8"x1½". ¾" shaft turned to take ¾" bore wheels.

Stk. No. X-151—57 lbs. Each **\$22.95**

Pistol Grip Hacksaw WITH 10" BLADE



Adjustable 8" to 12" Face blade 4 ways. Welded steel frame.

Stk. No. 19A53. 2 lbs. Each 98c

HACKSAW BLADES

Carbon Steel—fired and Set

10". Stk. No. 19A54 9c ea. 3 for 25c 12 for 75c

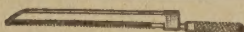
12". Stk. No. 19A55 10c ea. 3 for 27c 12 for 89c

Technite Steel—High Speed. Tough Work

10". Stk. No. 19A56 31c ea. 3 for 85c 12 for \$3.25

12". Stk. No. 19A57 39c ea. 3 for 1.10 12 for \$4.25

PIPE SAW



Low frame model with screw type handle. Takes 10" blade. Complete with blade.

Stk. No. 19A52—1½ lbs. Ea. **98c**

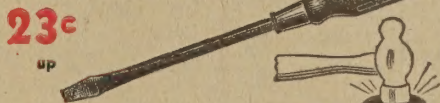
PUNCH & CHISEL SET



Made of ½" alloy steel, sharpened and hardened, with bright plated polished finish. Set contains: ½" and ¾" square carbon steel chisels, ½" and ¾" solid punches, and ¾" center punch. Each in heavy metal clip case.

Stk. No. 3E76—2 lbs. Set **\$1.55**

STEEL CAP SCREWDRIVERS



Made extra strong and durable for heavy duty work. Steel shank runs through handle, with steel cap for pounding.

3E41—Length: 7" Blade: ¼"x4" Ea. 23c

3E42—Length: 10" Blade: ¾"x6" Ea. 29c

3E43—Length: 14" Blade: ¾"x8" Ea. 39c

3E44—Length: 18" Blade: ¾"x10" Ea. 49c

SET OF 4—One each of the above. Set **\$1.29**

EXTENSION LIGHT

25 ft. heavy duty cord, rubber covered with unbreakable handle. Switch guard and reflector.

3 lbs. Stk. No. 19A91. **\$1.98**

½" ELECTRIC DRILLS



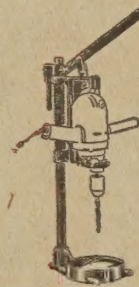
Designed specially for farm use. Handles round shank drill up to ½" diameter. Drills quickly in wood, iron, steel and similar materials.

Universal type motor with triple reduction gear, self-aligning porous bronze bearings throughout. Overall length 13".

Each complete with genuine Jacobs chuck as used on heavy duty type drill presses. Gear key tightens securely, centers bit and locks it in correct position for accurately drilling. 7 ft. cord included.

Stk. No. 3E48—Drill complete with chuck and cord, 12 lbs. Each **\$34.95**

STAND for ½ In. Drill



You can gain an extra 50% efficiency for hand held work by converting the above ½" drill into a precision bench model drill press. Drill easily removed for "take to job" work. Cast bracket line bored to hold drill perpendicular. Two thumb nuts for height adjustment. 4:1 ratio lever feed makes operation easy for sensitive and accurate work. Heavy casting with machined surface serves as base and table.

Stk. No. 3E49—Stand only, 23 lbs. **\$12.95**

¼ In. DRILL

(not illustrated)

Lightweight pistol grip electric drill with 110 Volt AC-DC high torque motor; double reduction gears, self-aligning oil impregnated bronze bearings. Each with long life thumb switch and 6 ft. cord. Snap release chuck takes drills up to ¼" size.

Stk. No. 3E46—Ship. wt. 3½ lbs. **\$11.80**

HIGH SPEED DRILLS



Tempered carbon tool steel for fast cutting of metals with electric drills. Round shank type, sharpened and set, ready for long service without resharpening.

Stk. No.	Size (In.)	Ea.	Stk. No.	Size (In.)	Ea.
21A50	½"x2½"	22c	21A60	¾"x3¾"	43c
21A51	¾"x2½"	24c	21A61	1"x3¾"	46c
21A52	1"x2½"	25c	21A62	1¼"x4"	49c
21A53	1½"x2½"	26c	21A63	1½"x4¼"	61c
21A54	1½"x3"	27c	21A64	1¾"x4½"	72c
21A55	1¾"x3½"	29c	21A65	1¾"x4¾"	89c
21A56	1¾"x3¾"	31c	21A66	1¾"x5"	98c
21A57	1¾"x3¾"	33c	21A67	1¾"x5½"	1.19
21A58	1¾"x3¾"	36c	21A68	1¾"x5½"	1.39
21A59	1¾"x3¾"	39c	21A69	1¾"x5¾"	1.55
			21A70	1¾"x6"	1.75

DRILL SETS

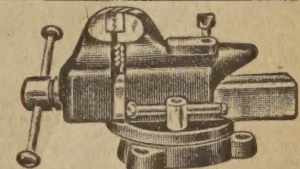
For added savings, buy your drills in sets. Same high quality as above, in selected farm sizes.

5 Pc. Set—½", ¾", 1", 1½", 2". Set **\$2.59**

11 Pc. Set—Sizes: ¼" to 1½" in. by 32nds. Set **\$4.98**

21 Pc. Set—Full range of sizes as listed in above table. 21A77. Set **\$11.95**

HEAVY DUTY VISES



Full 360 degree swivel, locks on quadrant. Removable jaws, knurled faces, hardened steel. Semi-steel cast body, cold rolled beam. Deep cut screw for positive advance.

25A40—3½" in. jaw, open to 4½" in. Ship. wt. 17½ lbs. Each **\$5.85**

25A41—4½" in. jaw, opens to 5½" in. Ship. wt. 38 lbs. Each **\$11.65**

TRACTOR SUPPLY CO.

2682 N. HALSTED ST.
CHICAGO 14, ILL.

Sec. 562, P. L. & R.

U. S. POSTAGE
PAID

Chicago, Ill.
Permit No. 3098

POSTMASTER: If Undeliverable for
Any Reason RETURN TO SENDER.
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RURAL OR STAR ROUTE
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**16 COMPLETE
STOCKS AT
SAME LOW PRICES**

2682 NO. HALSTED ST.
CHICAGO, ILL.

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BLOOMINGTON, ILL

406 "A" AVENUE
STERLING, ILLINOIS

Corner of Elm and Union Sts.
LIMA, OHIO

17 7th ST. S.W.
MASON CITY IA.

1120 EAST 4th ST.
SIOUX CITY, IA.

4615 SO. 26th ST.
OMAHA, NEB.

2517 11th ST.
COLUMBUS, NEB.

2008 AVENUE "A"
KEARNEY, NEB.

14 5th ST.
FOND DU LAC, WIS

1159 UNIVERSITY AVE.
ST. PAUL, MINN.

509 3rd ST. N.E.
MINOT, NO. DAK.

20 MAIN ST.
WILLISTON, N. D.

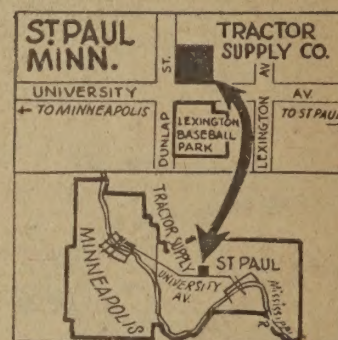
340 NO. WATER ST.
WICHITA, KAN.

116 W. CHEROKEE
ENID, OKLA.

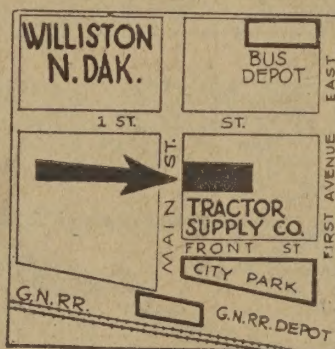
300 CALHOUN ST.
FT. WORTH, TEX.

**YOUR LOCAL
HEADQUARTERS
FOR
FARM EQUIPMENT,
TRACTOR AND
IMPLEMENT REPAIR
PARTS**

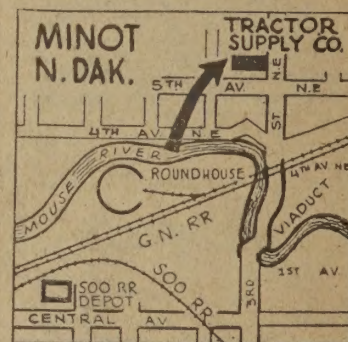
ST. PAUL, MINN.



WILLISTON, NO. DAK.



MINOT, NO. DAKOTA



TRACTOR SUPPLY Co.